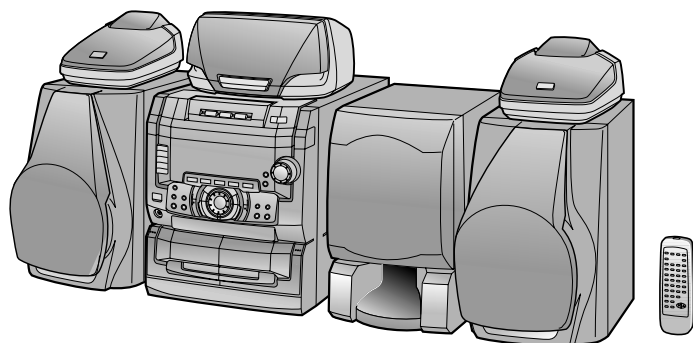


SHARP SERVICE MANUAL

No.S5829CDC492//



CD-C492 CD-C492C

CP-C492, CP-SW492, CENTER(GBOXS0010AWM1) and
SURROUND(GBOXS0011AWM1) speaker system
Constitute CD-C492/CD-C492C.



Manufactured under license from Dolby Laboratories.
"Dolby", "Pro Logic" and the double-D symbol are trademarks
of Dolby Laboratories. Confidential Unpublished Works.
©1992-1997 Dolby Laboratories, Inc. All rights reserved.

• In the interests of user-safety the set should be restored to its
original condition and only parts identical to those specified be
used.



- QSound and the QLogo are registered trademarks of
QSound Labs, Inc.
- QSound is protected under US Patent Nos. 5,105,462 and
5,208,860 and foreign counterparts.

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FOR A COMPLETE DESCRIPTION OF THE OPERATION OF THIS UNIT, PLEASE REFER TO THE OPERATION MANUAL.

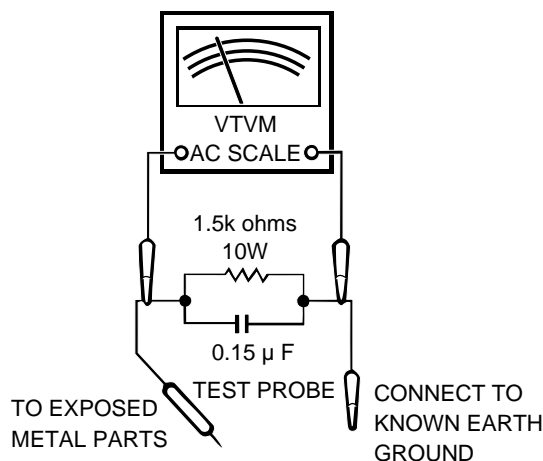
IMPORTANT SERVICE NOTES (For U.S.A.Only)

BEFORE RETURNING THE AUDIO PRODUCT

(Fire & Shock Hazard)

Before returning the audio product to the user, perform the following safety checks.

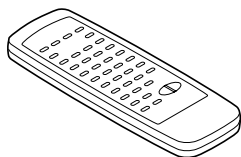
1. Inspect all lead dress to make certain that leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the audio product.
2. Inspect all protective devices such as insulating materials, cabinet, terminal board, adjustment and compartment covers or shields, mechanical insulators etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.
 - * Plug the AC line cord directly into a 120 volt AC outlet.
 - * Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15 μ F capacitor in series with all exposed metal cabinet parts and a known earth ground, such as conduit or electrical ground connected to earth ground.
 - * Use a VTVM or VOM with 1000 ohm per volt, or higher, sensitivity to measure the AC voltage drop across the resistor (See diagram).
 - * Connect the resistor connection to all exposed metal parts having a return path to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.



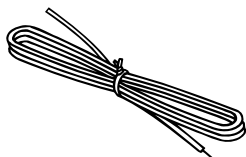
All check must be repeated with the AC line cord plug connection reversed.

Any reading of 0.3 volt RMS (this corresponds to 0.2 milliamp. AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the audio product to the owner.

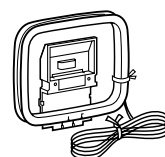
ACCESSORIES



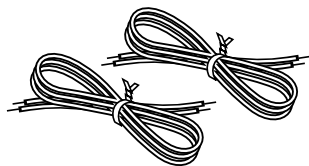
Remote control × 1
(RRMCG0141AWSA)



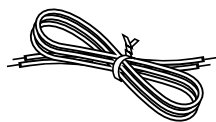
FM antenna × 1
(92LFANT1746A)



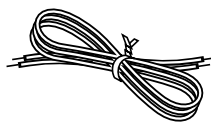
AM loop antenna × 1
(QANTL0006AWZZ)



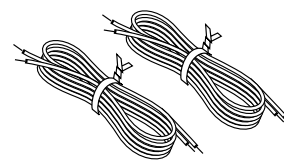
Front speaker wire × 2
(92L3191SW49210)



Center speaker wire × 1
(92L3191SW49210)



Sub woofer wire × 1
(92L3191SW49210)



Surround speaker wire × 2
(92L291-0068)

SPECIFICATIONS

CD-C492/492C

● General

Power source: AC 120 V, 60 Hz
Power consumption: 200 W
Dimensions: Width; 10-5/8" (270 mm)
 Height; 12-1/2" (316 mm)
 Depth; 13-1/2" (343 mm)
Weight: 23.2 lbs. (10.5 kg)

● Amplifier section

Output power: Front speakers; 40 W minimum RMS per channel into 8 ohms, from 60 Hz to 20 kHz with no more than 10 % total harmonic distortion.
 Center speaker; 40 W (1 kHz, 10 % T.H.D.)
 Surround speakers; 40 W per channel (1 kHz, 10 % T.H.D.)
 Sub woofer; 40 W (80 Hz, 10 % T.H.D.)
Output terminals: Front speakers; 8 ohms
 Center speaker; 8 ohms
 Surround speakers; 8 ohms
 Sub woofer; 8 ohms
 Monitor; 1 Vp-p/75 ohms
 Headphones; 16 - 50 ohms (recommended; 32 ohms)
Input terminals: DVD1 (Digital); Optical
 DVD2 (Digital); Coaxial
 VCR1/AUX1; 500 mV/47 kohms
 VCR2/AUX2; 500 mV/47 kohms
 DVD1/VCR1; 1 Vp-p/75 ohms
 DVD2/VCR2; 1 Vp-p/75 ohms

● Tuner section

Frequency range: FM; 87.5 - 108 MHz
 AM; 530 - 1,720 kHz

● Cassette deck section

Frequency response: 50 - 14,000 Hz (Normal tape)
Signal/noise ratio: 55 dB (TAPE 1, playback)
 50 dB (TAPE 2, recording/playback)
Wow and flutter: 0.15 % (WRMS)

● Compact disc player section

Type: 3-disc multi-play compact disc player
Signal readout: Non-contact, 3-beam semi-conductor laser pickup
D/A converter: 1-bit D/A converter
Frequency response: 20 - 20,000 Hz
Dynamic range: 100 dB (1 kHz)

● Front speaker section

CP-C492

Type: 3-way, 5-1/8" (130 mm) woofer, 2" (50 mm) tweeter and super tweeter
Maximum input power: 80 W
Impedance: 8 ohms
Dimensions: Width; 8-11/16" (220 mm)
 Height; 12-1/2" (316 mm)
 Depth; 11-3/16" (284 mm)
Weight: 7.5 lbs. (3.4 kg)/each

● Center speaker section

GBOXS0010AWM1

Type: 2-way, 4-3/4" (120 mm) woofer and 2" (50 mm) tweeter
Maximum input power: 80 W
Impedance: 8 ohms
Dimensions: Width; 10-5/8" (270 mm)
 Height; 5-5/8" (142 mm)
 Depth; 8-11/16" (220 mm)
Weight: 4.0 lbs. (1.8 kg)

● Surround speaker section

GBOXS0011AWM1

Type: 2-way, 4" (100 mm) woofer and 2" (50 mm) tweeter
Maximum input power: 80 W
Impedance: 8 ohms
Dimensions: Width; 7-7/8" (200 mm)
 Height; 5-5/16" (134 mm)
 Depth; 9-1/2" (240 mm)
Weight: 3.1 lbs. (1.4 kg)/each

● Sub woofer section

CP-SW492

Type: 6-1/2" (160 mm) woofer
Maximum input power: 80 W
Impedance: 8 ohms
Dimensions: Width; 8-11/16" (220 mm)
 Height; 12-1/2" (316 mm)
 Depth; 11-5/8" (294 mm)
Weight: 8.4 lbs. (3.8 kg)

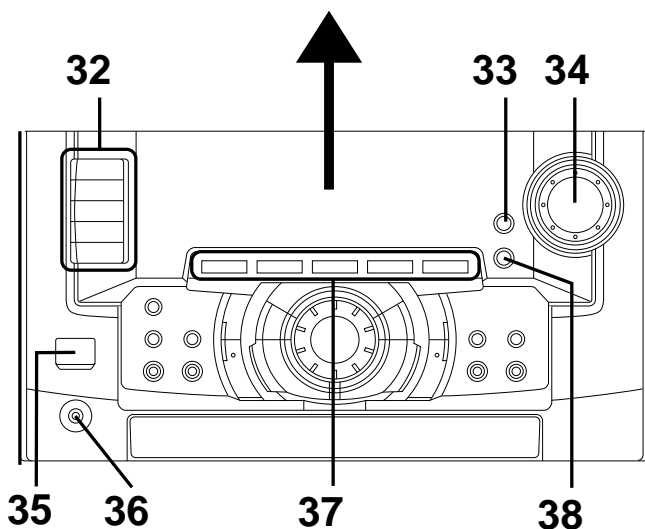
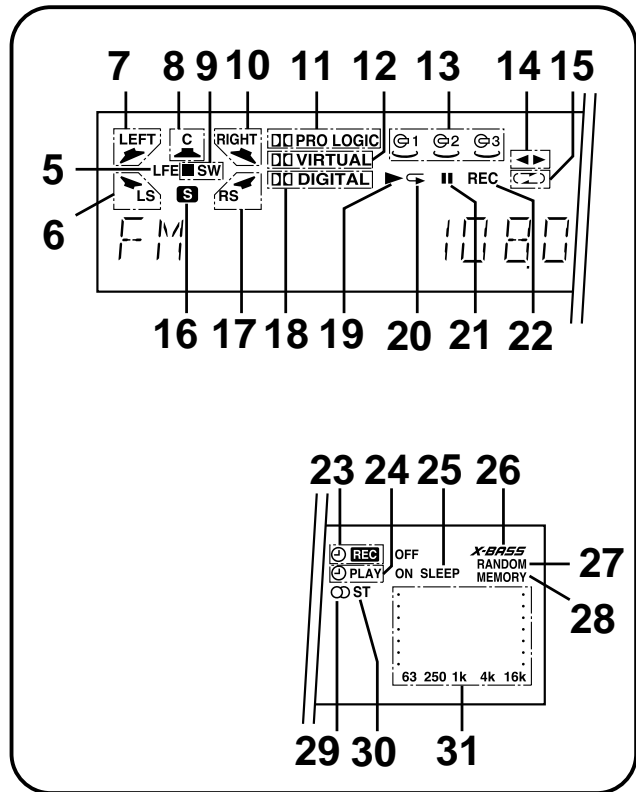
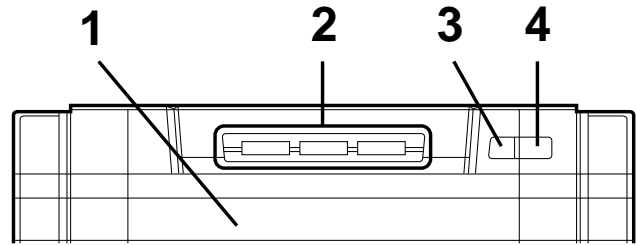
Specifications for this model are subject to change without prior notice.

NAMES OF PARTS

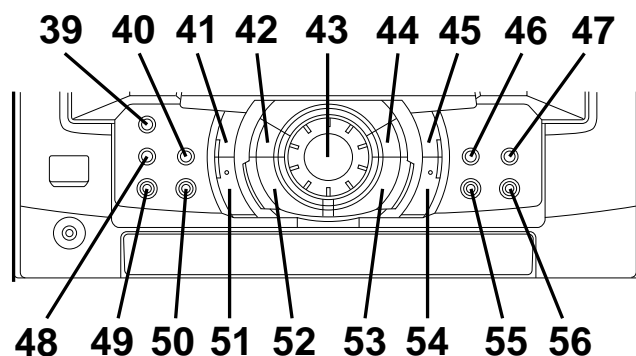
CD-C492/492C

Front panel

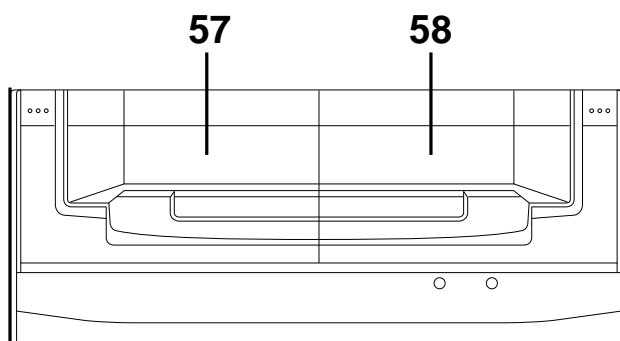
1. Disc Tray
2. Disc Number Selector Buttons
3. Disc Skip Button
4. Open/Close Button: ▲
5. LFE Indicator
6. Left Surround Speaker Indicator
7. Left Front Speaker Indicator
8. Centre Speaker Indicator
9. Sub Woofer Indicator
10. Right Front Speaker Indicator
11. Dolby Pro Logic Indicator
12. Dolby Virtual Indicator
13. (CD) Disc Number Indicator
14. (TAPE) Direction Indicator
15. (TAPE) Reverse Mode Indicator
16. Surround Signal Indicator
17. Right Surround Speaker Indicator
18. Dolby Digital Indicator
19. (CD) Play Indicator
20. (CD) Repeat Play Indicator
21. (CD) Pause Indicator
22. (TAPE) Record Indicator
23. Timer Record Indicator
24. Timer Play Indicator
25. Sleep Indicator
26. Extra Bass Indicator: X-BASS
27. (CD) Random Play Indicator
28. (CD/TUNER) Memory Indicator
29. (TUNER) FM Stereo Indicator: 
30. (TUNER) FM Stereo Mode Indicator: ST
31. Spectrum Analyzer Indicator
32. Function Selector Buttons
33. Extra Bass Button
34. Volume Control
35. Power Button
36. Headphone Socket
37. Surround Mode Selector Buttons
38. Equalizer Selector/Demo Mode Button



- 39. Clock Button
- 40. Sleep Button
- 41. Reverse Mode Button: (↺)
- 42. CD Pause Button: ■■
- 43. Jog Dial
- 44. (CD/TAPE) Stop Button: ■
- 45. Record Pause Button: ●■■
- 46. Menu Button
- 47. Item Button
- 48. Timer Button
- 49. Memory Button
- 50. Clear Button
- 51. (CD) Track Down/Review Button: ◀◀/◀◀
- (TAPE 2) Fast Wind Button: ◀◀
- (TUNER) Tuning Down Button: ∨
- 52. (TAPE 2) Reverse Play Button: ◀
- 53. (CD) Play/Repeat Button: ▶↻
- (TAPE 1) Play button: ▶
- (TAPE 2) Forward Play Button: ▶▶
- 54. (CD) Track Up/Cue Button: ▶▶/▶▶
- (TAPE) Fast Wind Button: ▶▶
- (TUNER) Tuning Up Button: ∧
- 55. (TAPE) Normal Edit Button
- 56. (TAPE) High Edit Button

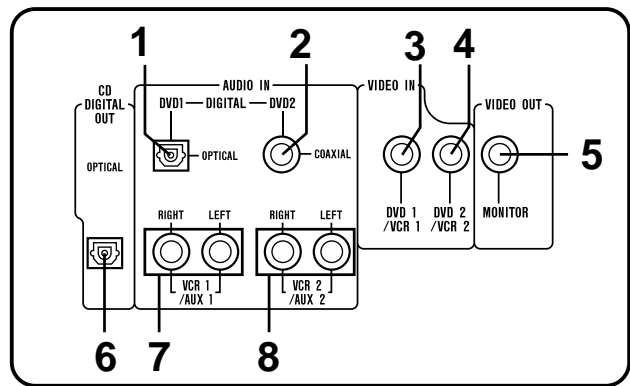


- 57. (TAPE 1) Cassette Compartment
- 58. (TAPE 2) Cassette Compartment

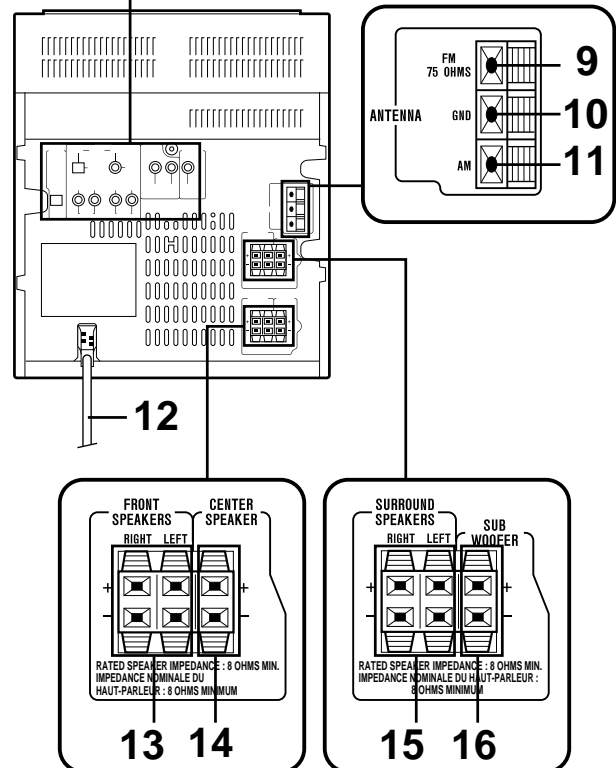


■ Rear panel

1. DVD 1 Digital Input Socket (Optical)
2. DVD 2 Digital Input Socket (Coaxial)
3. DVD 1/VCR 1 Video Input Socket
4. DVD 2/VCR 2 Video Input Socket
5. Video Output Socket
6. CD Digital Output Socket (Optical)
7. VCR 1/AUX 1 Input Socket
8. VCR 2/AUX 2 Input Socket



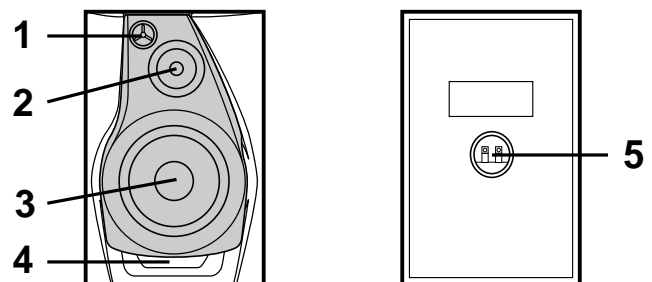
9. FM 75 ohms Aerial Terminal
10. Aerial Earth Terminal
11. AM Aerial Terminal
12. AC Power Lead
13. Front Speaker Terminals
14. Centre Speaker Terminals
15. Surround Speaker Terminals
16. Sub Woofer Terminals



CP-C492

■ Front speakers

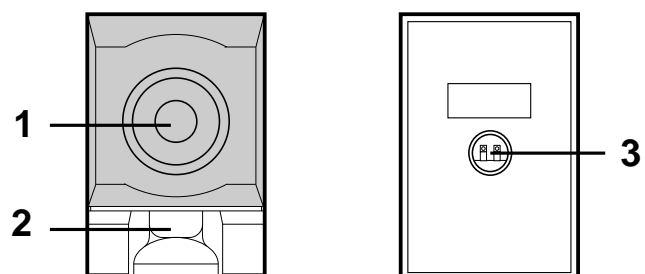
1. Super Tweeter
2. Tweeter
3. Woofer
4. Bass Reflex Duct
5. Speaker Terminals



CP-SW492

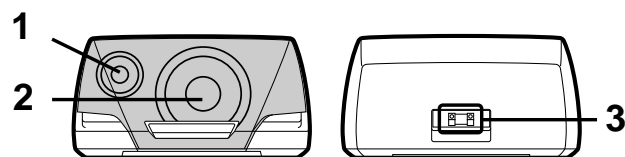
■ Sub woofer

1. Woofer
2. Bass Reflex Duct
3. Speaker Terminals

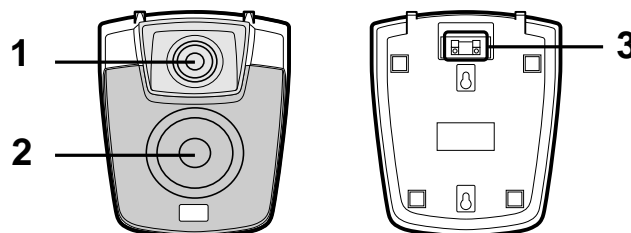


GBOXS0010AWM1**■ Centre speaker**

1. Tweeter
2. Woofer
3. Speaker Terminals

**GBOXS0011AWM1****■ Surround speakers**

1. Tweeter
2. Woofer
3. Speaker Terminals

**Remote control**

1. Remote Control Transmitter LED
2. Surround Mode Selector Buttons
3. Sub Woofer Level Control Buttons: \wedge / \vee
4. Setup Up/Down Buttons: \wedge / \vee
5. Menu Button
6. Item Button

Tuner control section

7. Preset Up/Down Buttons: \wedge / \vee

CD control section

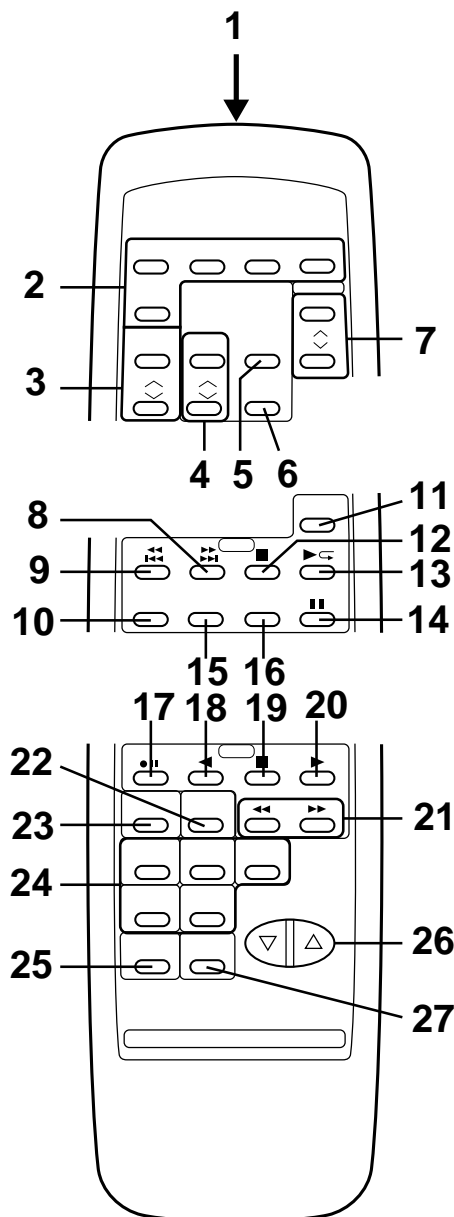
8. Track Up/Cue Button: $\blacktriangleright\blacktriangleright / \blacktriangleright\blacktriangleright$
9. Track Down/Review Button: $\blacktriangleleft\blacktriangleleft / \blacktriangleleft\blacktriangleleft$
10. Memory Button
11. Disc Skip Button
12. Stop Button: \blacksquare
13. Play/Repeat Button: $\blacktriangleright\curvearrowright$
14. Pause Button: II
15. Clear Button
16. Random Button

Tape control section

17. (TAPE 2) Record Pause Button: $\bullet \text{II}$
18. (TAPE 2) Reverse Play Button: \blacktriangleleft
19. Stop Button: \blacksquare
20. (TAPE 1) Play Button: \blacktriangleright
- (TAPE 2) Forward Play Button: \blacktriangleright
21. (TAPE 2) Fast Wind Buttons: $\blacktriangleleft\blacktriangleleft$

Common section

22. Extra Bass Button
23. Equalizer Mode Button
24. Function Selector Buttons
25. Power Button
26. Volume Control Buttons
27. Dimmer Button



SETTING THE CLOCK

In this example, the clock is set for the 12-hour (AM 12:00) system.

2

3

4

5

6

7

8

9

- 1** Press the POWER button to enter the stand-by mode.

2 Press the CLOCK button.

3 Within 5 seconds, press the MEMORY button.

4 Turn the jog dial to select the time display mode.
"0:00" → The 24-hour display will appear.
(000 - 23:59)
"AM 12:00" → The 12-hour display will appear.
(AM or PM 12:00 - 11:59)
"AM 0:00" → The 12-hour display will appear.
(AM or PM 0:00 - 11:59)

● Note that this can only be set when the unit is first installed or it has been reset (see page 37).

5 Press the MEMORY button.

6 Adjust the hour by turning the jog dial.
● When the jog dial is turned one click clockwise, the time will increase by 1 hour. When it is turned one click counterclockwise, the time will decrease by 1 hour.
Keep turning the jog dial to change the time continuously.
● When the 12-hour display is selected, "AM" will change automatically to "PM".

7 Press the MEMORY button.

8 Adjust the minutes by turning the jog dial.
● When the jog dial is turned one click clockwise, the time will increase by 1 minute. When it is turned one click counterclockwise, the time will decrease by 1 minute.
Keep turning the jog dial to change the time continuously.
● The hour setting will not advance even if minutes advance from "59" to "00".

9 Press the MEMORY button.
● The clock starts operating from "0" seconds.
(Seconds are not displayed.)

Note:
● In the event of a power failure or when the AC power cord is disconnected, the clock display will go out.
When the AC power supply is restored, the clock display will flash on and off to indicate the time when the power failure occurred or when the AC power cord was disconnected.
If this happens, follow the procedure below to change the clock time.

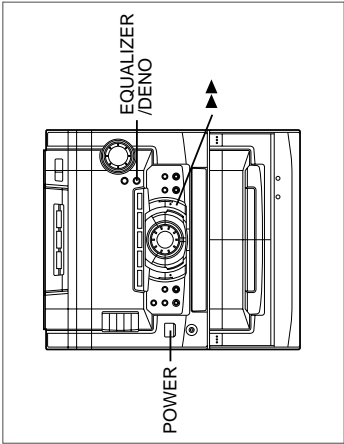
To change the clock time:
When the unit is in the stand-by mode:
① Press the MEMORY button.
② Perform steps 6 - 9 above.

When the unit is on:
① Press the CLOCK button.
② Within 5 seconds, press the MEMORY button.
③ Perform steps 6 - 9 above.

To see the time display:
Press the CLOCK button.
● The time display will appear for about 5 seconds.

To change the time display mode:
① Perform steps 1 and 2 in the section "RESETTING THE MICROCOMPUTER", on page 37.
② Perform steps 1 - 9 above.

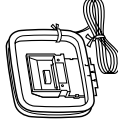
RESETTING THE MICROCOMPUTER



- Reset the microcomputer by performing the following procedure for the cases shown below.
- To erase all of the stored memory contents, or
 - If the display does not function properly, or
 - The unit does not operate properly.
- 1** Press the POWER button to turn the power off.
- 2** Press the POWER button while holding down the button and the EQUALIZER/DEMO button.
- Caution:**
● The operation explained above will erase all data stored in memory including clock and timer settings, and tuner and CD presets.

4 Connecting the system / Conexión del sistema

1 Check the supplied accessories / Compruebe los accesorios suministrados

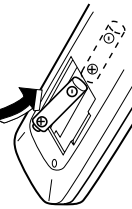


- AM loop antenna x 1
- Antena de cuadro de AM x 1

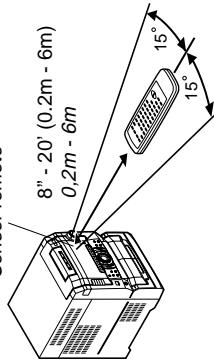


- Surround speaker wire x 2
- Cable de altavoz de sonido perimétrico x 2

2 How to use the remote control / Empleo del controlador remoto

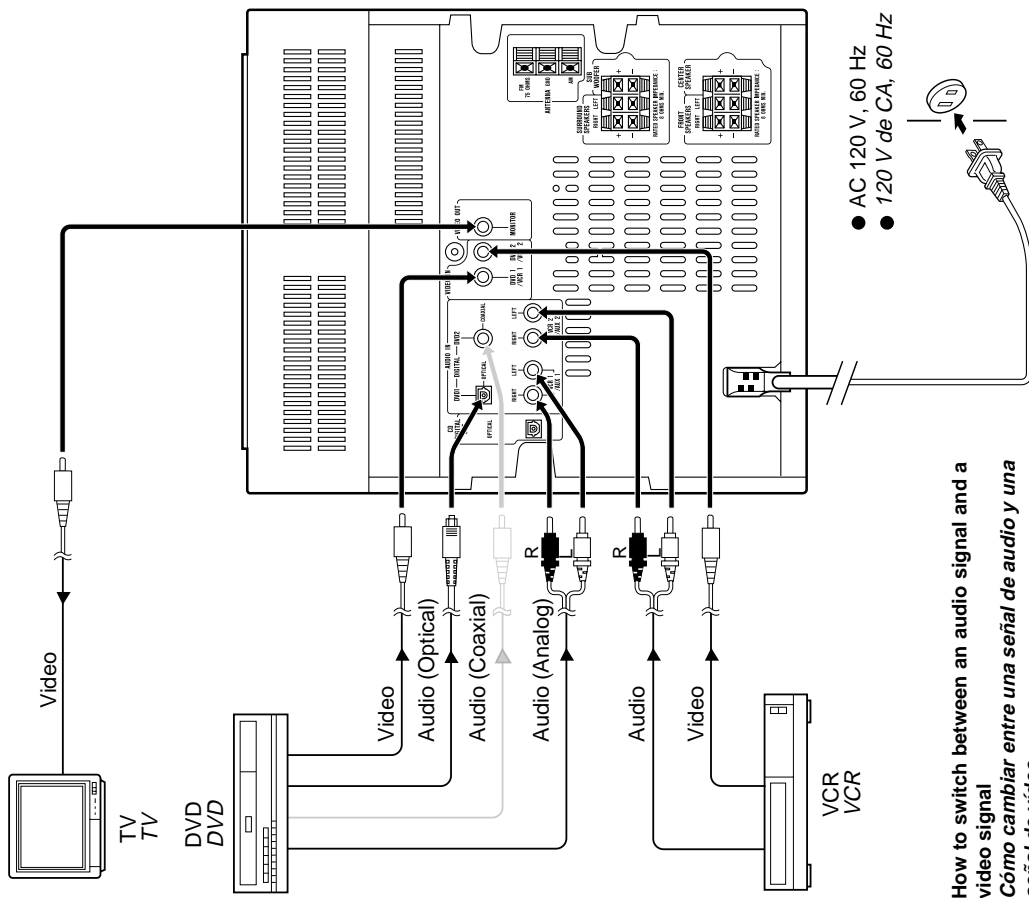
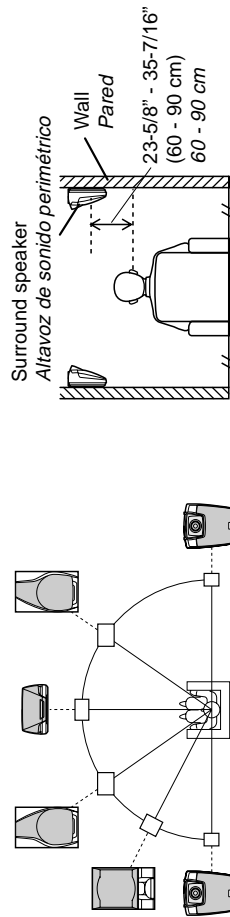


- Remote sensor
-
- Sensor remoto*





- Batteries are not included.
- Las pilas no están incluidas.

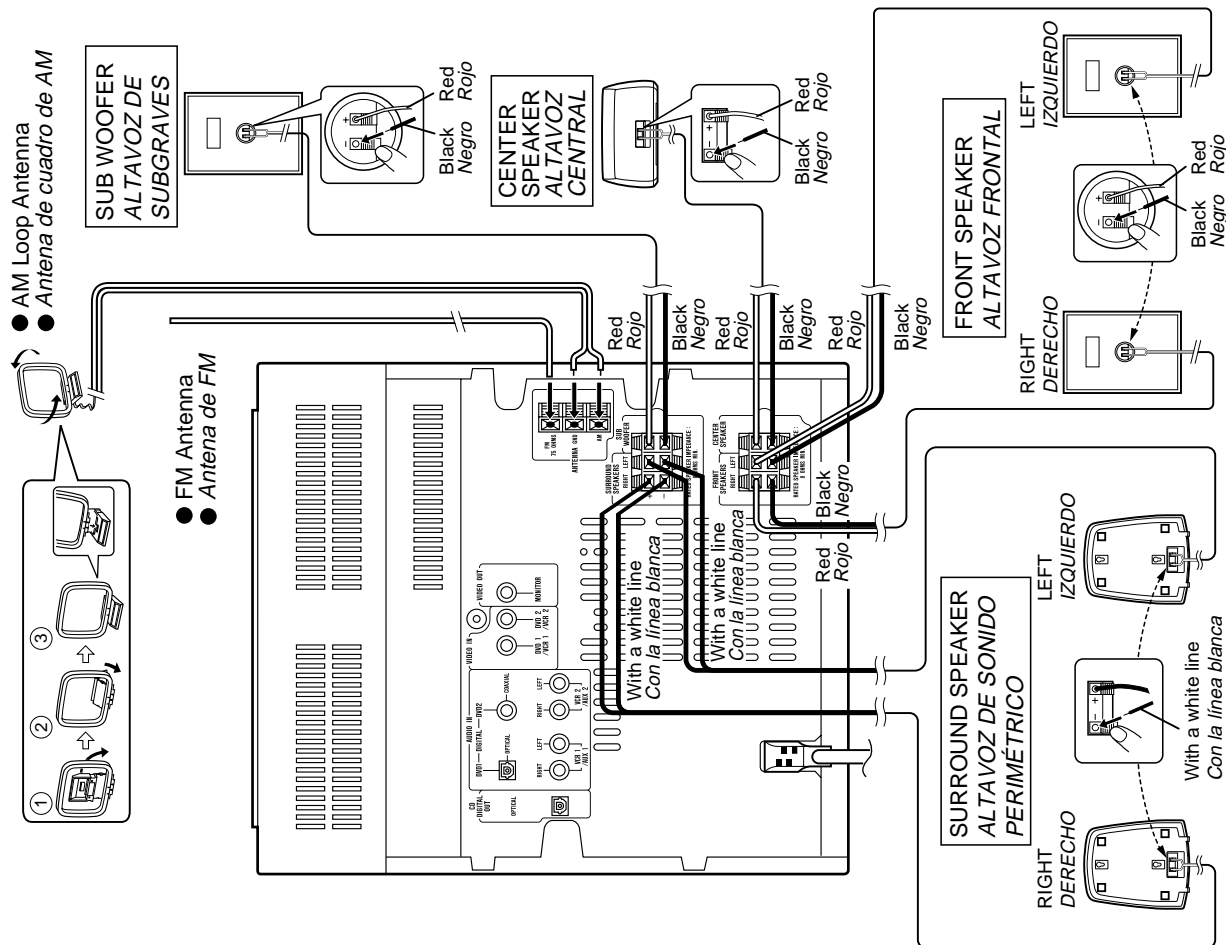
3 Placing the speaker system / Situación de los altavoces



- How to switch between an audio signal and a video signal
- *Cómo cambiar entre una señal de audio y una señal de vídeo*

BUTTON/BOTÓN	DISPLAY/VISUALIZACIÓN	AUDIO OUTPUT/SALIDA DE AUDIO	VIDEO OUTPUT/SALIDA DE VÍDEO
	"DVD 1"	DVD 1	DVD 1/VCR 1
	"VCR 1"	VCR 1/AUX 1	DVD 1/VCR 1
	"DVD 2"	DVD 2	DVD 2/VCR 2
	"VCR 2"	VCR 2/AUX 2	DVD 2/VCR 2

5 Listening to a CD / Audición de discos CD



1 Press the **POWER** button to turn the power on.
*Pulse el botón **POWER** para conectar la alimentación.*

2 Press the **CD** button.
*Pulse el botón **CD**.*

3 Press the **OPEN/CLOSE** button to open the disc tray and place the CD (s) on the disc tray, label side up.
*Pulse el botón **OPEN/CLOSE** para abrir la bandeja del disco y coloque el disco(s) CD en la bandeja del disco con el lado de la etiqueta arriba.*

4 Press the **OPEN/CLOSE** button to close the disc tray.
*Pulse el botón **OPEN/CLOSE** para cerrar la bandeja del disco.*

5 Press the **▶/◀** button.
*Pulse el botón **▶/◀**.*

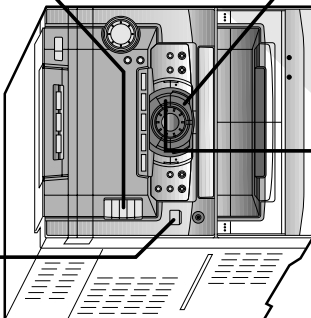
6 Adjust the volume level.
Turn the **VOLUME** control clockwise to increase the volume.
Turn the **VOLUME** control counterclockwise to decrease the volume.

Ajuste el nivel de volumen.
Girando el control **VOLUME** hacia la derecha se incrementa el volumen.
Girando el control **VOLUME** hacia la izquierda se reduce el volumen.

To stop the playback
Para detener la reproducción

Press the **■** button.
*Pulse el botón **■**.*

6 Listening to a tape / Audición de una cinta



1 Press the POWER button to turn the power on.
Pulse el botón POWER para conectar la alimentación.

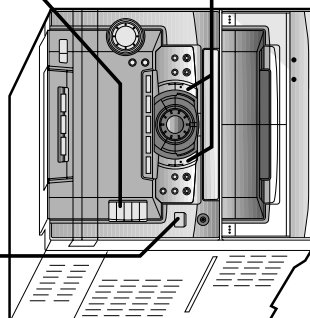
2 Press the TAPE button to select "TAPE 1" or "TAPE 2".
Pulse el botón TAPE para seleccionar "TAPE 1" o "TAPE 2".

3 Load a cassette into the cassette compartment.
Inserte un casete en el compartimiento del casete.

4 Press the ►/◄ button.
Pulse el botón ►/◄.

To stop the playback
Para detener la reproducción
Press the ■ button.
Pulse el botón ■.

7 Listening to the radio / Audición de la radio

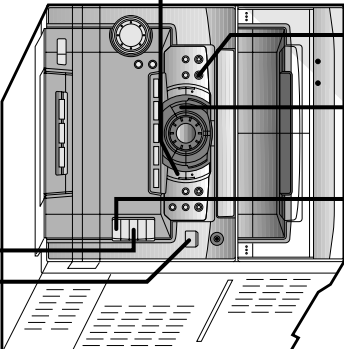


1 Press the POWER button to turn the power on.
Pulse el botón POWER para conectar la alimentación.

2 Press the TUNER (BAND) button to select "FM ST", "FM" or "AM".
Pulse el botón TUNER (BAND) para seleccionar "FM ST", "FM", o "AM".

3 Press the TUNING (▲/▼) button to tune in to the desired station.
Pulse el botón TUNING (▲/▼) para sintonizar la emisora deseada.

8 Recording from CDs / Grabaciones de discos CD



1 Press the POWER button to turn the power on.
Pulse el botón POWER para conectar la alimentación.

2 Press the TAPE (1↔2) button to select the "TAPE 2".
Pulse el botón TAPE (1↔2) para seleccionar "TAPE 2".

3 Load a cassette into the TAPE2 cassette compartment.
Inserte un casete en el compartimiento del casete de TAPE 2.

4 Press the REVERSE MODE button to select the reverse mode.
Pulse el botón REVERSE MODE para seleccionar el modo de inversión.
One side / Una cara
Both side / Ambas caras

5 Press the CD button and load the desired disc.
Pulse el botón CD y coloque el disco deseado.

6 Press the NORMAL EDIT button.
Pulse el botón NORMAL EDIT.

To stop the recording
Para detener la grabación
Press the ■ button.
Pulse el botón ■.

DISASSEMBLY

Caution on Disassembly

Follow the below-mentioned notes when disassembling the unit and reassembling it, to keep it safe and ensure excellent performance:

1. Take cassette tape and compact disc out of the unit.
2. Be sure to remove the power supply plug from the wall outlet before starting to disassemble the unit.
3. Take off nylon bands or wire holders where they need to be removed when disassembling the unit. After servicing the unit, be sure to rearrange the leads where they were before disassembling.
4. Take sufficient care on static electricity of integrated circuits and other circuits when servicing.

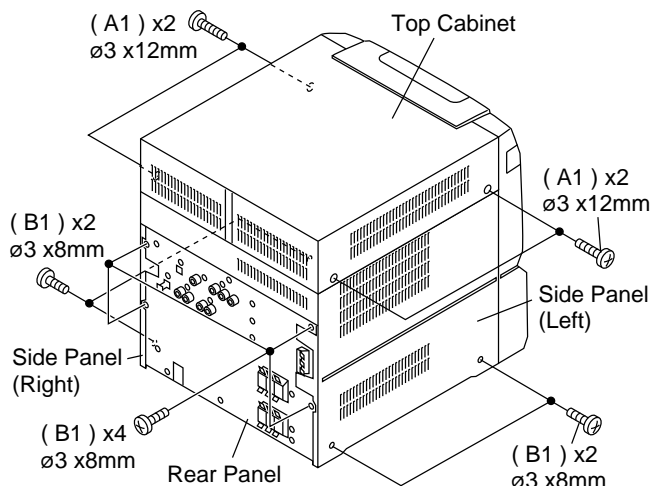
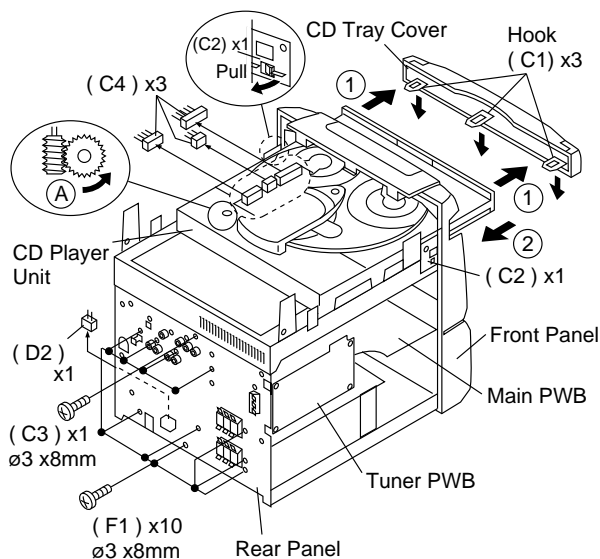
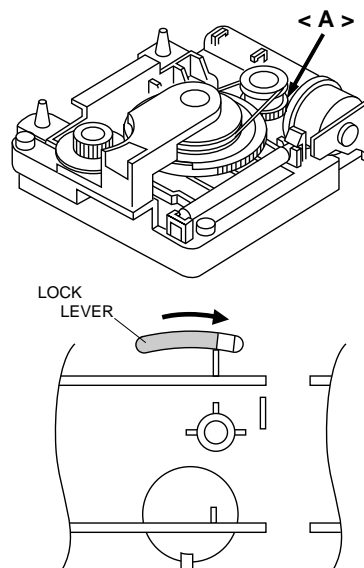
CD-C492/492C

STEP	REMOVAL	PROCEDURE	FIGURE
1	Top Cabinet	1. Screw (A1) x4	12-1
2	Side Panel (Left/right)	1. Screw (B1) x4	12-1
3	CD Player Unit/ CD Tray Cover	1. Turn on the power supply, open the disc tray, take out the CD cover, and close. (Note 1) 2. Hook (C1) x3 3. Hook (C2) x2 4. Screw (C3) x1 5. Socket (C4) x3	12-2
4	Dolby PWB	1. Flat cable (D1) x2 2. Socket (D2) x1 3. Screw (D3) x10	13-1
5	Tuner PWB	1. Socket (E1) x1 2. Screw (E2) x5	13-1
6	Rear Panel	1. Screw (F1) x10	12-2
7	Main PWB	1. Flat cable (G1) x2 2. Flat wire (G2) x1 3. Socket (G3) x4 4. Screw (G4) x3	13-2
8	Front Panel	1. Flat wire (H1) x2 2. Screw (H2) x2	13-2
9	Heat Shink Cover	1. Screw (J1) x4	13-2
10	Power Amp. PWB	1. Socket (K1) x3 2. Screw (K2) x6	13-3
11	Power Supply PWB	1. Screw (L1) x6	13-4
12	Display PWB	1. Knob (M1) x2 2. Nut (M2) x2 3. Screw (M3) x12	13-4
13	CD Switch PWB	1. Screw (N1) x3	13-4
14	Headphones	1. Screw (P1) x1	13-4
15	Tape Mechanism	1. Screw (Q1) x6	13-4
16	Turntable	1. Screw (R1) x1 2. Cover (R2) x1	13-5
17	Disc Tray	1. Screw (S1) x2 2. Guide (S2) x2	13-5
18	CD Player Unit/ CD Servo PWB	1. Screw (T1) x1 2. Socket (T2) x4	13-5
19	CD Changer Mechanism	1. Screw (U1) x4	14-1
20	CD Mechanism	1. Screw (V1) x1	14-1

Note 1:

How to open the changer manually. (Fig. 12-3)

1. Insert the tip of fine screwdriver into the hole of CD player base, and press down the worm wheel < A > .
2. Then, turn fully the lock lever in the arrow direction through the hole on the loading chassis bottom in this state. After that, push forward the CD player base.

CD-C492/492C**Figure 12-1****Figure 12-2****Figure 12-3**

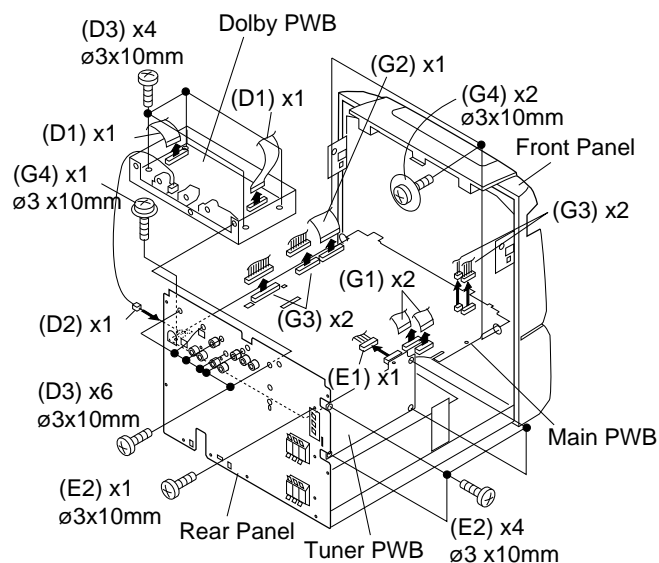


Figure 13-1

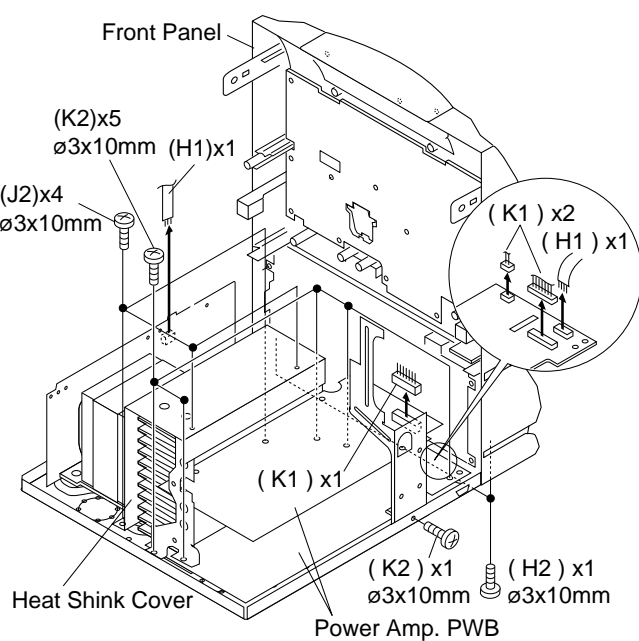


Figure 13-2

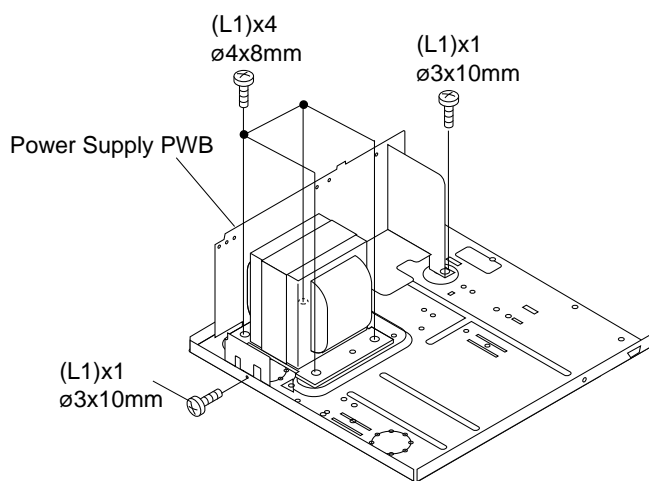


Figure 13-3

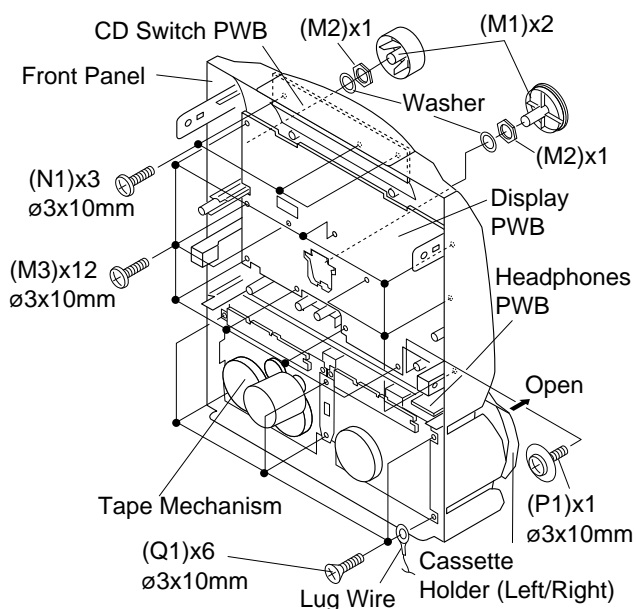


Figure 13-4

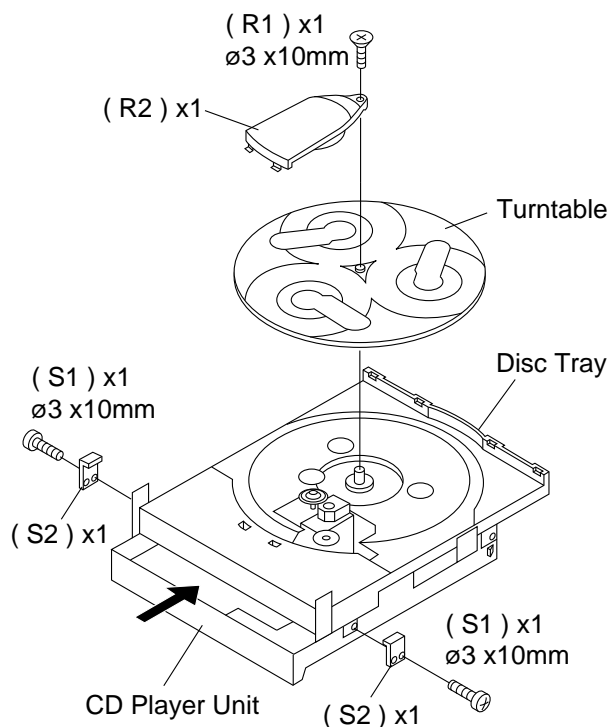


Figure 13-5

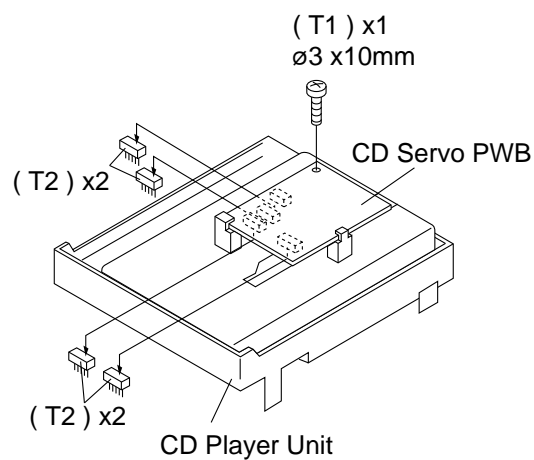
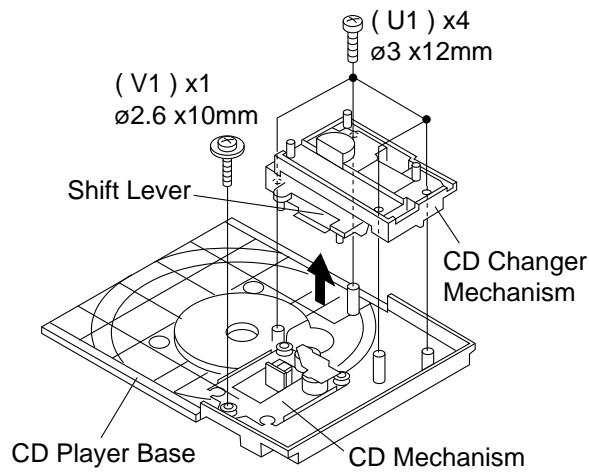


Figure 13-6

CD-C492/492C



Be careful when installing the CD changer mechanism. Install the CD changer mechanism on the CD player base after the shift lever has been set in the highest position.

Figure 14-1

CP-C492			
STEP	REMOVAL	PROCEDURE	FIGURE
1	Front Speaker	1. Net (A1) x1 2. Baffle Board (A2) x1 3. Screw (A3) x2 4. Screw (A4) x4 5. Screw (A5) x2	14-2

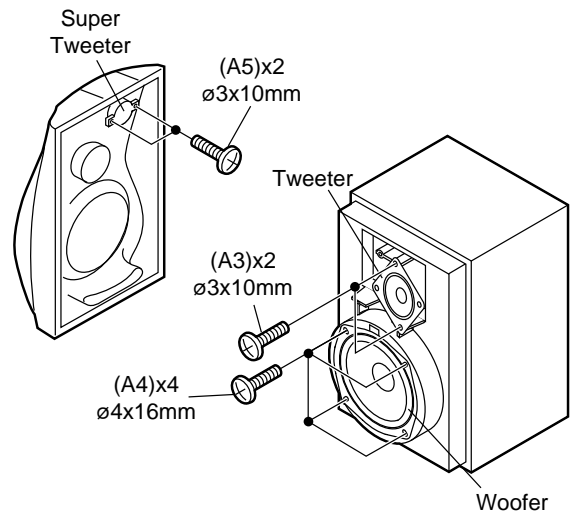
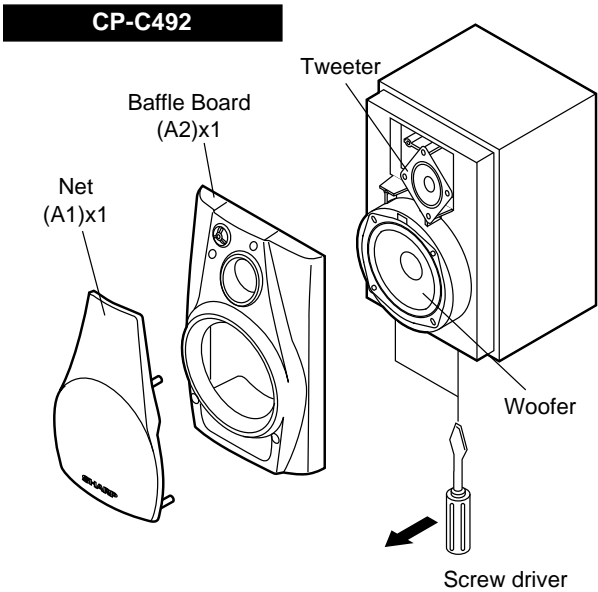


Figure 14-2

CP-SW492			
STEP	REMOVAL	PROCEDURE	FIGURE
1	Sub woofer	1. Net (A1) x1 2. Duct Panel (A2) x1 3. Screw (A3) x4	14-3

Note:
The center and rear speakers can be easily disassembled. Therefore the disassembling method is not discribed. For details refer to the disassembling drawing in the Parts Guide.

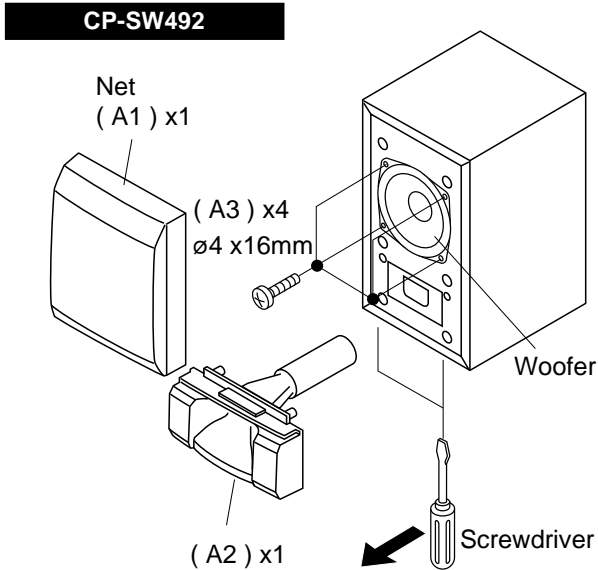


Figure 14-3

REMOVING AND REINSTALLING THE MAIN PARTS

CD MECHANISM SECTION

Perform steps 1, 2, 3, 18 and 20 of the disassembly method to remove the CD mechanism.

How to remove the loading motor (See Fig. 15-1)

1. Remove the screws (A1) x 2 pcs., to remove the loading motor.

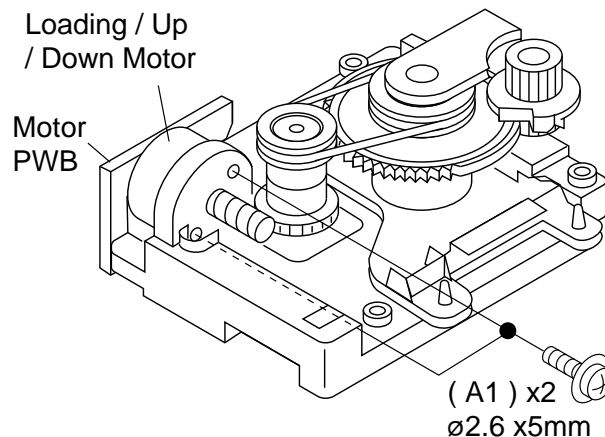


Figure 15-1

How to remove the pickup (See Fig. 15-2)

1. Remove the screws (B1) x 2 pcs., to remove the shaft (B2).
2. Remove the stop washer (B3) x 1 pc., to remove the gear (B4).
3. Remove the pickup.

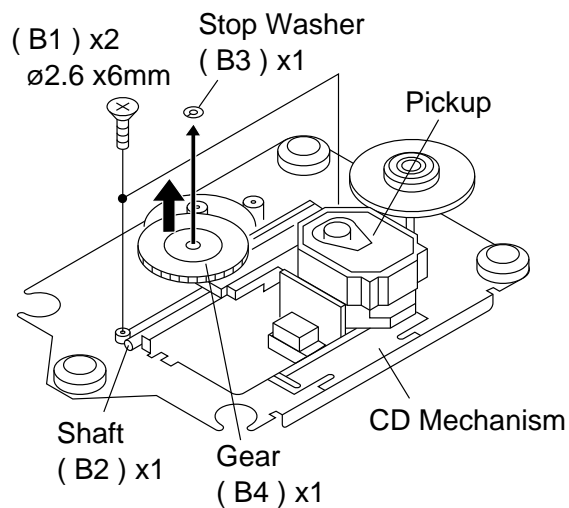


Figure 15-2

ADJUSTMENT

MECHANISM SECTION

• Driving Force Check

Torque Meter	Specified Value
Play: TW-2412	Tape 1: Over 80 g Tape 2: Over 80 g

• Torque Check

Torque Meter	Specified Value	
	Tape 1	Tape 2
Play: TW-2111	30 to 60 g. cm	30 to 100 g.cm
Fast forward: TW-2231	—	50 to 100 g.cm
Rewind: TW-2231	—	50 to 100 g.cm

• Tape Speed

	Test Tape	Adjusting Point	Specified Value	Instrument Connection
Normal speed	MTT-111	VRM1	3,000 ± 30 Hz	Speaker terminal (Load resistance: 8 ohms)

TUNER SECTION

fL: Low-range frequency

fH: High-range frequency

• AM IF/RF

Signal generator: 400 Hz, 30%, AM modulated

Test Stage	Frequency	Frequency Display	Setting/Adjusting Parts	Instrument Connection
IF	450 kHz	1,720 kHz	T351	*1
Band Coverage	—	530 kHz	(fL): T302 1.1 ± 0.1 V	*2
Tracking	990 kHz	990 kHz	(fL): T302	*1

*1. Input: Antenna, Output: TP302

*2. Input: Antenna, Output: TP301

TAPE MECHANISM PWB

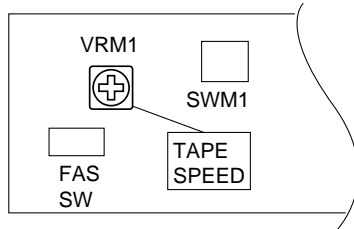


Figure 16-1

TUNER PWB

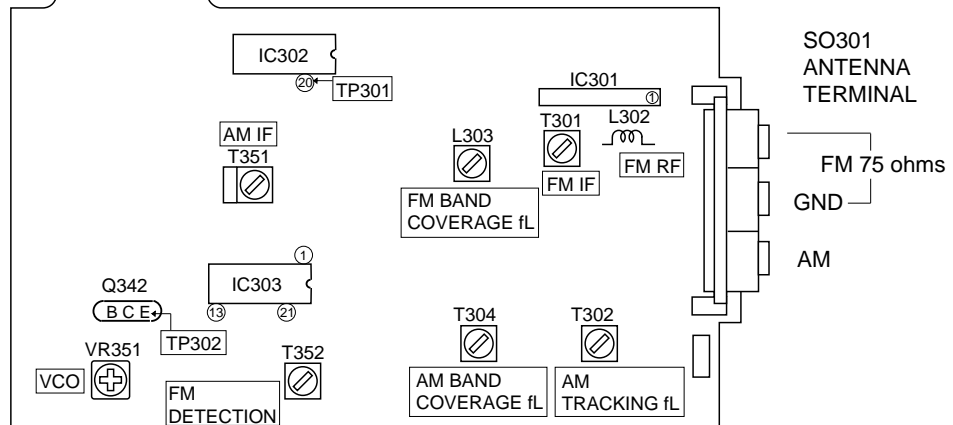


Figure 16-3 ADJUSTMENT POINTS

• FM RF

Signal generator: 1 kHz, 75 kHz dev., FM modulated

Test Stage	Frequency	Frequency Display	Serring/Adjusting Point	Instrument Connection
Band Coverage	—	87.50 MHz	L303(fL): 3.7 V ± 0.1 V	*1
RF	98.00 MHz (10-30 dB)	98.00 MHz	L302	*2

*1. Input: Antenna, Output: TP302

*2. Input: Antenna, Output: TP301

• Detection

Signal generator: 10.7 MHz, FM sweep generator

Test Stage	Frequency	Frequency Display	Adjusting Parts	Instrument Connection
Detection	10.7 MHz	98.00 MHz	T352	Input: Pin 1 of IC303 Output: TP302
IF	10.7 MHz	98.00 MHz	T301(Turn the core of transformer T301 fully counter-clockwise.)	Input: Pin 1 of IC301 Output: TP302

• VCO Frequency

Frequency	Frequency Display	Adjusting Parts	Instrument Connection
98.00 MHz (60 dB)	98.00 MHz	VR351*	Pin 13, Pin 21 and ground of IC303

* Adjust for 76 kHz ± 200 Hz.

Notes:

After preparing the test circuit shown in Fig 16-2, connect the Pin 13, Pin 21 and ground of the IC303 with test circuit, and measure the Value.

At this time, apply a standard unmodulated signal input and adjust the VCO.

Pin 13 of IC303 Pin 21 of IC303

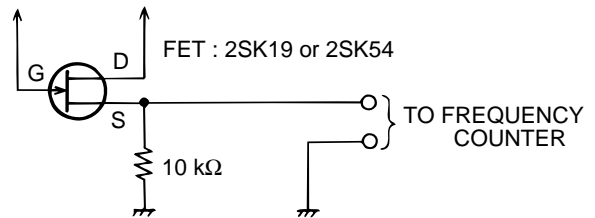


Figure 16-2

TEST MODE

• Setting the test mode

Any one of test mode can be set by pressing several keys as follows.

<CD> + <EQ> + <POWER> TEST: CD operation test

• TEST mode

Function — CD test mode

Setting of TEST mode

Indication of CD TST mode (Fig. 17-1)

OPEN/CLOSE operation is manual operation.

The pickup can be moved by using the (▶▶) or (◀◀) key.

IL is not performed.

<MEMORY> LASER ON — <MEMORY> Tracking on the spot. SERVO OFF PLAY — <MEMORY> Tracking on the spot. SERVO ON PLAY — <STOP> STOP

<PLAY> key input — TOC. IL is performed, and the ordinary PLAY is performed. — Press <STOP> key. — Stop
If the following key is pressed during PLAY, it is possible to specify directly any Track No.
<Disc Number 1> key: Track 4
<Disc Number 2> key: Track 9
<Disc Number 3> key: Track 15

Note:

Only in STOP state it is possible to slide the pickup with the (▶▶) or (◀◀) key.

VOL. --- Last memory

BAL. --- CENTER

R.GEQ. --- FLAT

X-BAS --- OFF

Canceling method - POWER OFF

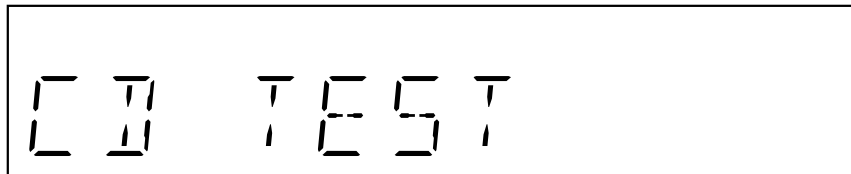


Figure 17-1

CD SECTION

Since this CD system incorporates the following automatic adjustment function, when the pickup is replaced, it is not necessary to readjust it.

Since this CD unit does not need adjustment, the combination of PWB and laser pickup unit is not restricted.

• Automatic adjustment item

1. Focus offset (Fig. 17-2)
2. Tracking offset (Fig. 17-3)
3. E/F balance (tracking error balance) (Fig. 17-4)
4. RF level AGC function (HF level: constant)
5. RF level automatic follow-up of the tracking gain

This automatic adjustment is performed each time a disc is changed. Therefore, each disc is played back using the optimal settings.

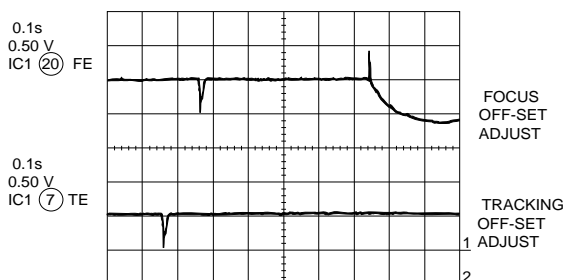


Figure 17-2

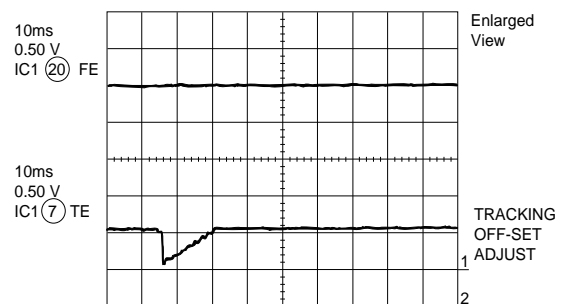


Figure 17-3

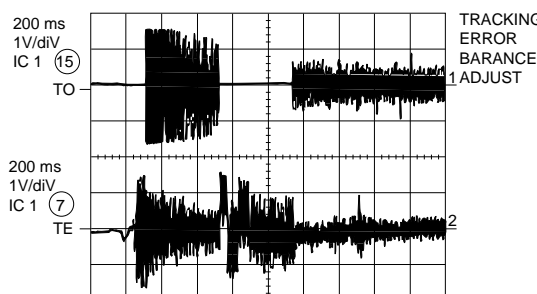
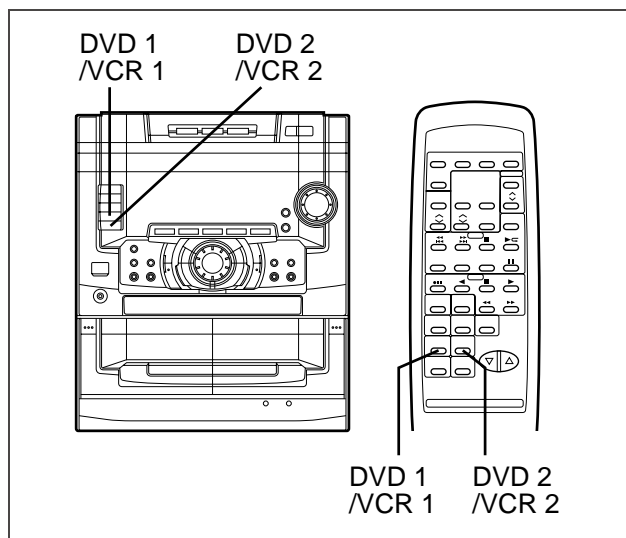


Figure 17-4

EXPLANATION OF DOLBY DIGITAL

DOLBY DIGITAL



When you connect this unit to a DVD player which is playing a disc with the trademark, you can enjoy realistic, powerful sound by playing back the recorded signal through 6 speakers with the sound coming from the front left, front right, center, surround left, surround right and sub woofer speakers.

To listen to a disc using the Dolby Digital mode:

- 1** Connect a DVD player.
- 2** Press the DVD 1/VCR 1 or DVD 2/VCR 2 button to select "DVD 1" or "DVD 2".
- 3** Start the DVD player.

Note:

- When the Dolby Digital surround mode is being used, the equalizer will be set to FLAT.

Type of Dolby digital signal

There are different types of Dolby digital signals. The type of Dolby digital signal being input into this unit can be checked in the display.

Display	Channels available	Display	Channels available
	Normal PCM playback		Front (L, R) + surround (L, R)
	Center only (monaural)		Front (L, R) + center
	Front (L, R) (When the surround mode is set to Normal or Phantom, sound will also be heard from the surround speakers.)		Front (L, R) + center + surround (monaural)
	Front (L, R) + surround (monaural)		Front (L, R) + center + surround (L, R)

- If a low frequency sound effect (Low Frequency Effect) contains a Dolby digital signal, "LFE" will light in the display. When this "LFE" is lit, low frequency signals will be output from the sub woofer.

SURROUND EFFECT CONTROL

This product allows you to enjoy 4 surround modes.

Normal mode:

When you play a sound source that has the (5.1 channels) or trademarks, you can enjoy surround sound using all 6 speakers.

Phantom mode:

When you play a sound source that has the or trademarks, you can enjoy surround sound using 5 speakers, but not the center speaker.

Virtual Dolby Surround:

You can enjoy a three-dimensional surround stereo image using just the 2 front speakers.

Enhanced Virtual Surround:

You can enjoy surround sound, using only the 2 front speakers, but this mode increases the three-dimensional stereo image effect even more.

NOTES ON SCHEMATIC DIAGRAM

- **Resistor:**
To differentiate the units of resistors, such symbol as K and M are used: the symbol K means 1000 ohm and the symbol M means 1000 kohm and the resistor without any symbol is ohm-type resistor. Besides, the one with "Fusible" is a fuse type.
- **Capacitor:**
To indicate the unit of capacitor, a symbol P is used: this symbol P means micro-micro-farad and the unit of the capacitor without such a symbol is microfarad. As to electrolytic capacitor, the expression "capacitance/withstand voltage" is used.
(CH), (TH), (RH), (UJ): Temperature compensation
(ML): Mylar type
(P.P.): Polypropylene type
- Schematic diagram and Wiring Side of P.W.Board for this model are subject to change for improvement without prior notice.
- The indicated voltage in each section is the one measured by Digital Multimeter between such a section and the chassis with no signal given.
 1. In the tuner section,
() indicates AM
< > indicates FM stereo
 2. In the main section, a tape is being played back.
 3. In the deck section, a tape is being played back.
() indicates the record state.
 4. In the power section, a tape is being played back.
 5. In the CD section, the CD is stopped.
- Parts marked with " \triangle " ($\square = = = \square$) are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

REF. NO	DESCRIPTION	POSITION
SW1	OPEN/CLOSE	ON—OFF
SW2	MECHA UP	ON—OFF
SW3	DISC NUMBER	ON—OFF
SW4	PICKUP IN	ON—OFF
SWD1	VOLUME	ON—OFF
SWD2	JOG	ON—OFF
SWD3	X-BASS	ON—OFF
SWD4	PRE EQ	ON—OFF
SWD5	MENU	ON—OFF
SWD6	ITEM	ON—OFF
SWD12	TUNING UP/CUE	ON—OFF
SWD13	STOP	ON—OFF
SWD14	NORMAL EDIT	ON—OFF
SWD15	REC. PAUSE	ON—OFF
SWD16	REC/PAUSE	ON—OFF
SWD17	F-PLAY	ON—OFF
SWD23	QSOUND	ON—OFF
SWD26	VIRTUAL	ON—OFF
SWD27	PHANTOM	ON—OFF
SWD28	NORMAL	ON—OFF
SWD29	BYPASS	ON—OFF
SWD30	TUNING DOWN/REWIND	ON—OFF
SWD31	CD PAUSE	ON—OFF

REF. NO	DESCRIPTION	POSITION
SWD32	REVERSE MODE	ON—OFF
SWD33	R-PLAY	ON—OFF
SWD34	CLOCK	ON—OFF
SWD35	MEMORY	ON—OFF
SWD36	TIMER	ON—OFF
SWD37	SLEEP	ON—OFF
SWD38	CLEAR	ON—OFF
SWD39	DVD/VIDEO 1	ON—OFF
SWD40	DVD/VIDEO 2	ON—OFF
SWD41	TAPE 1/2	ON—OFF
SWD42	TUNER/BAND	ON—OFF
SWD43	CD	ON—OFF
SWD48	POWER	ON—OFF
SWD50	DISC 1	ON—OFF
SWD51	DISC 2	ON—OFF
SWD52	DISC 3	ON—OFF
SWD53	DISC SKIP	ON—OFF
SWD54	OPEN/CLOS	ON—OFF
SWM3	REC FWD	ON—OFF
SWM4	REC RVS	ON—OFF
SWM5	F.A.S	ON—OFF
SWM6	CAM	ON—OFF

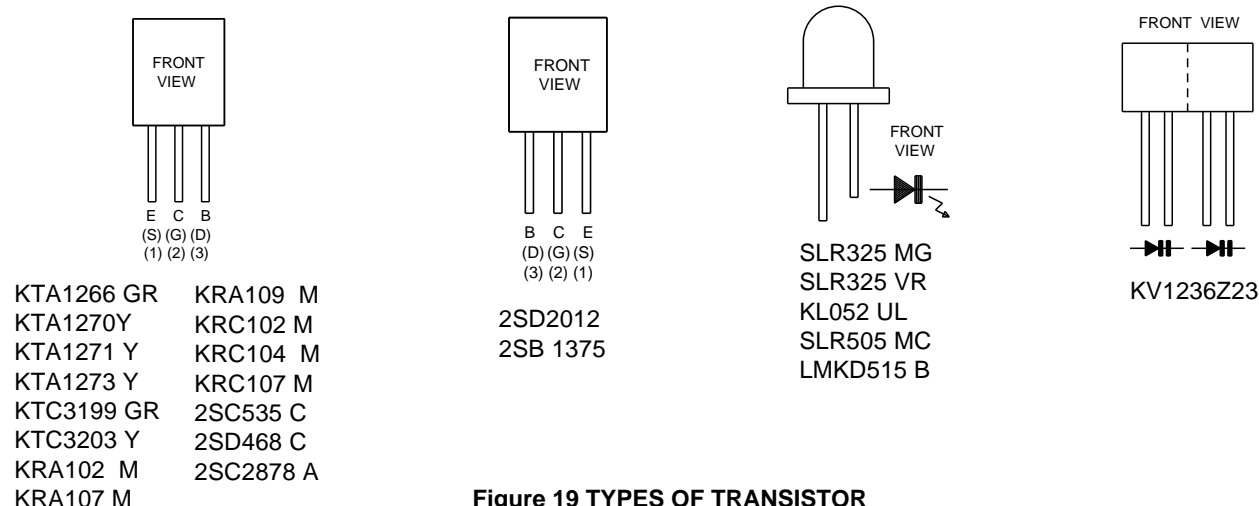
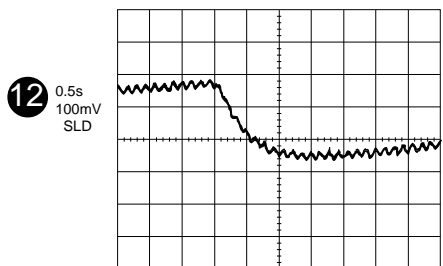
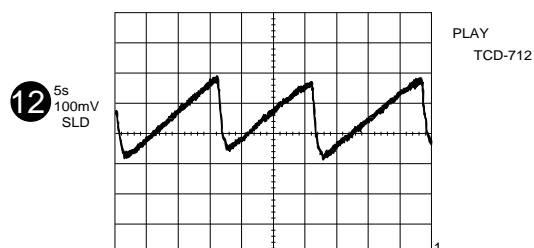
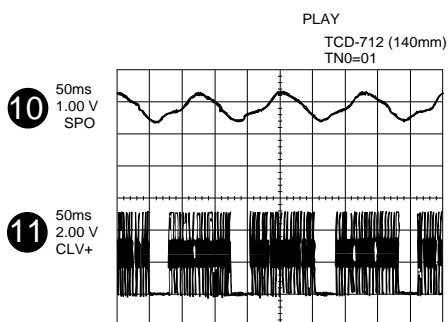
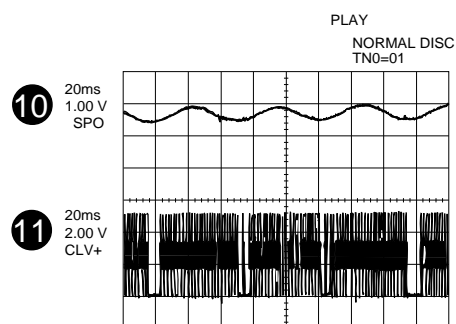
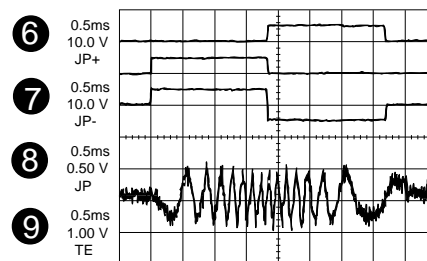
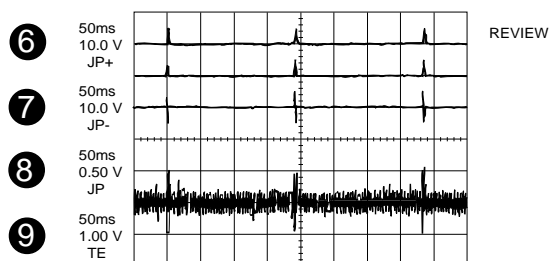
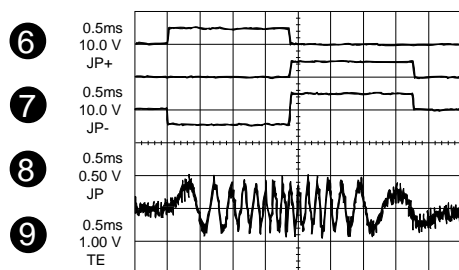
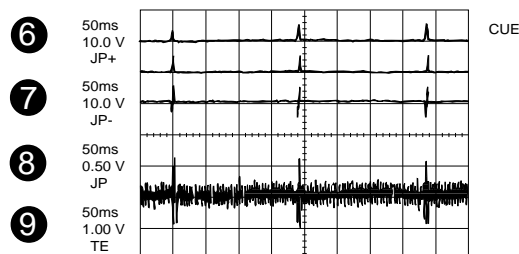
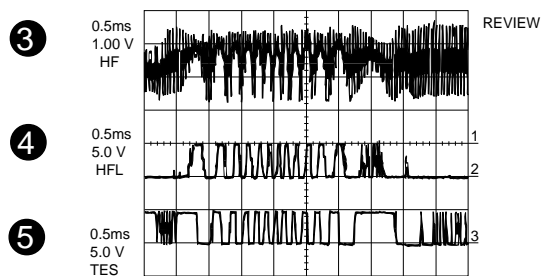
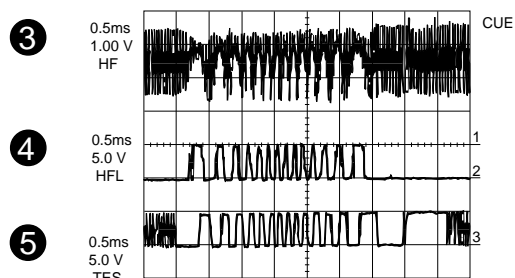
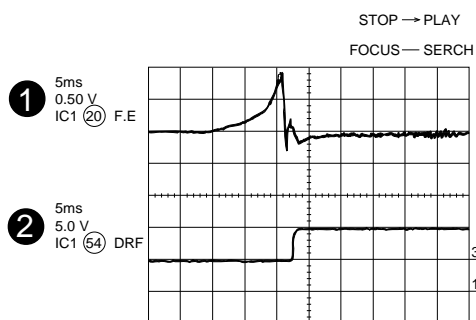


Figure 19 TYPES OF TRANSISTOR

WAVEFORMS OF CD CIRCUIT



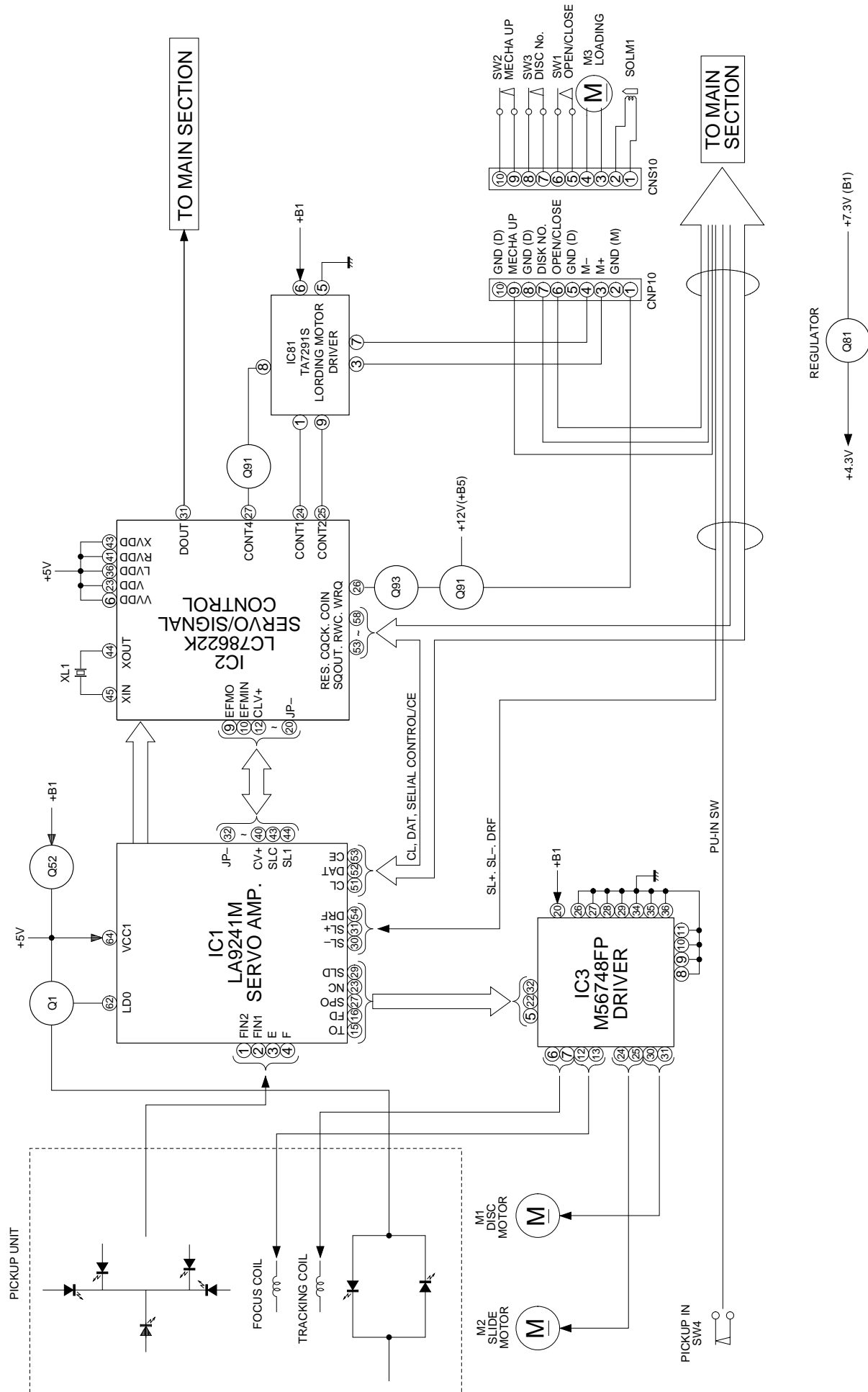


Figure 21 BLOCK DIAGRAM (1/5)

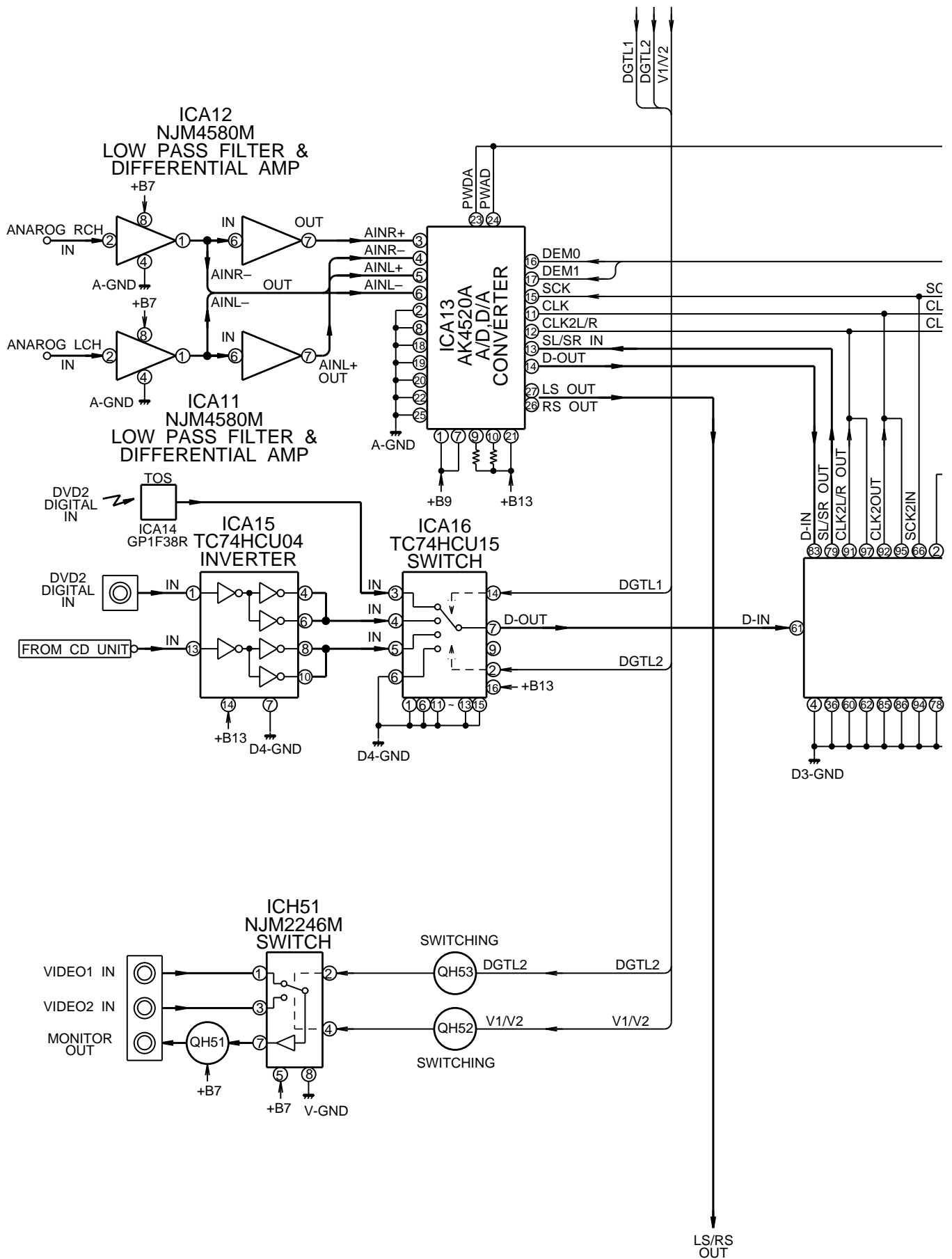


Figure 22 BLOCK DIAGRAM (2/5)

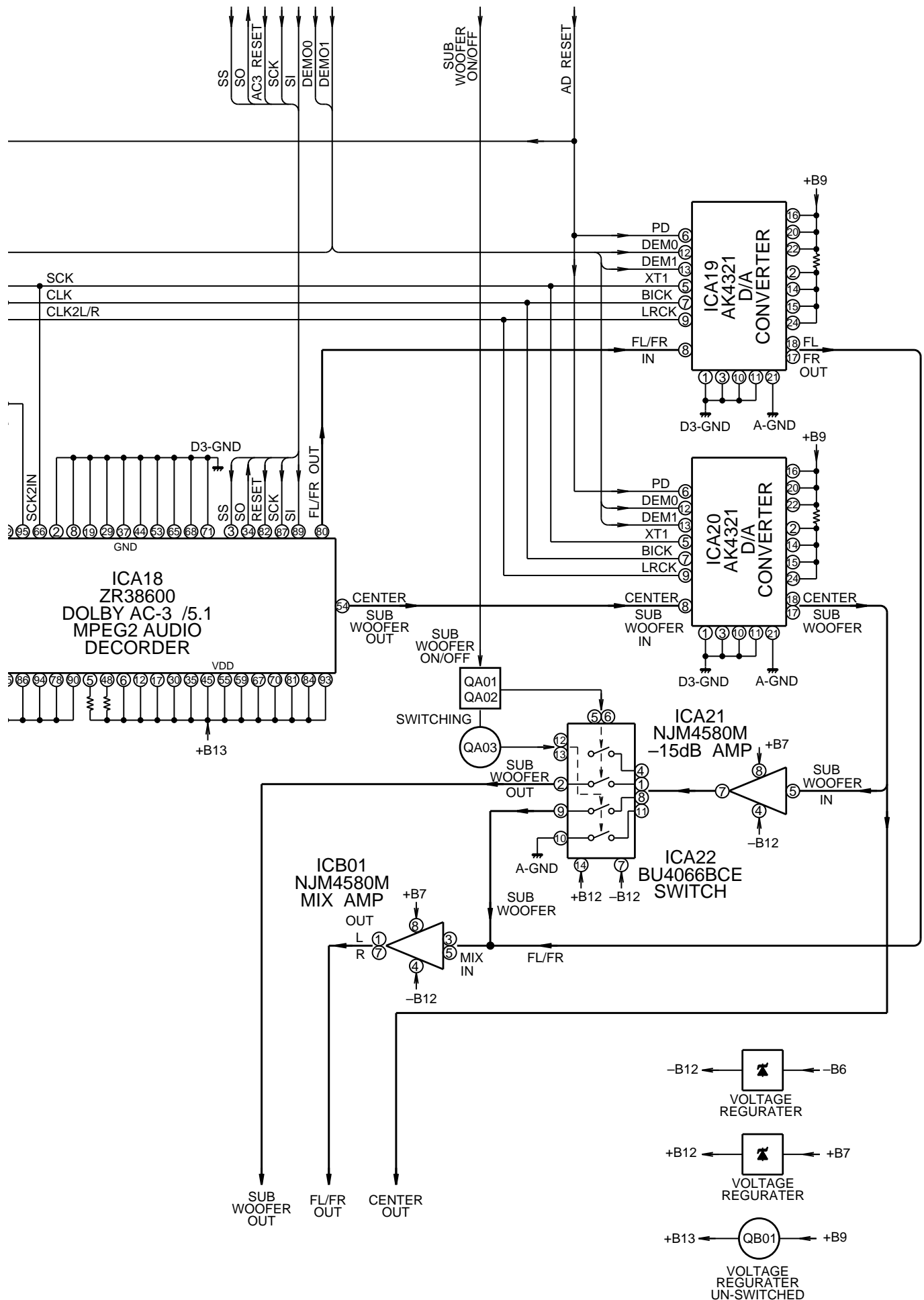


Figure 23 BLOCK DIAGRAM (3/5)

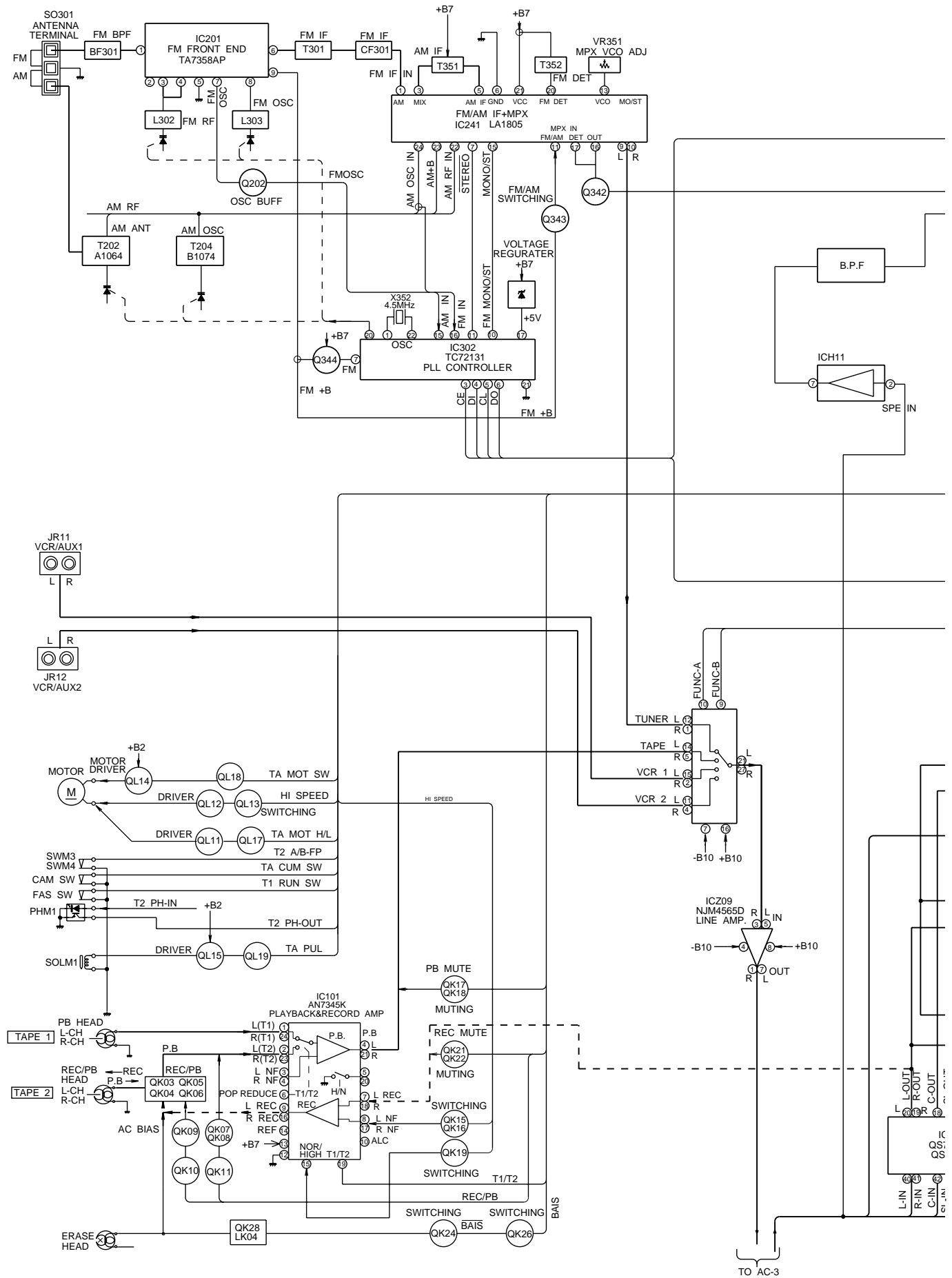


Figure 24 BLOCK DIAGRAM (4/5)

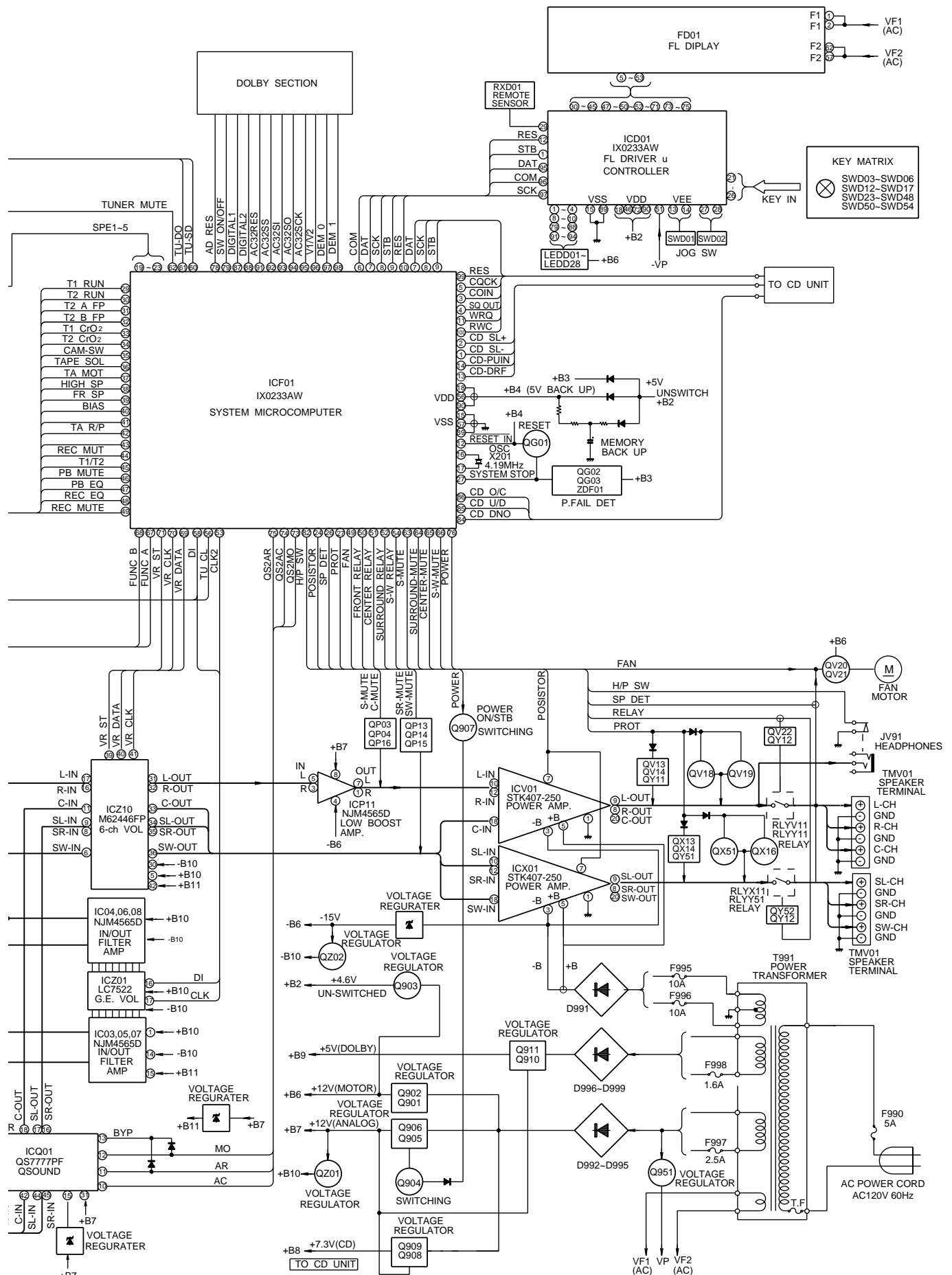


Figure 25 BLOCK DIAGRAM (5/5)

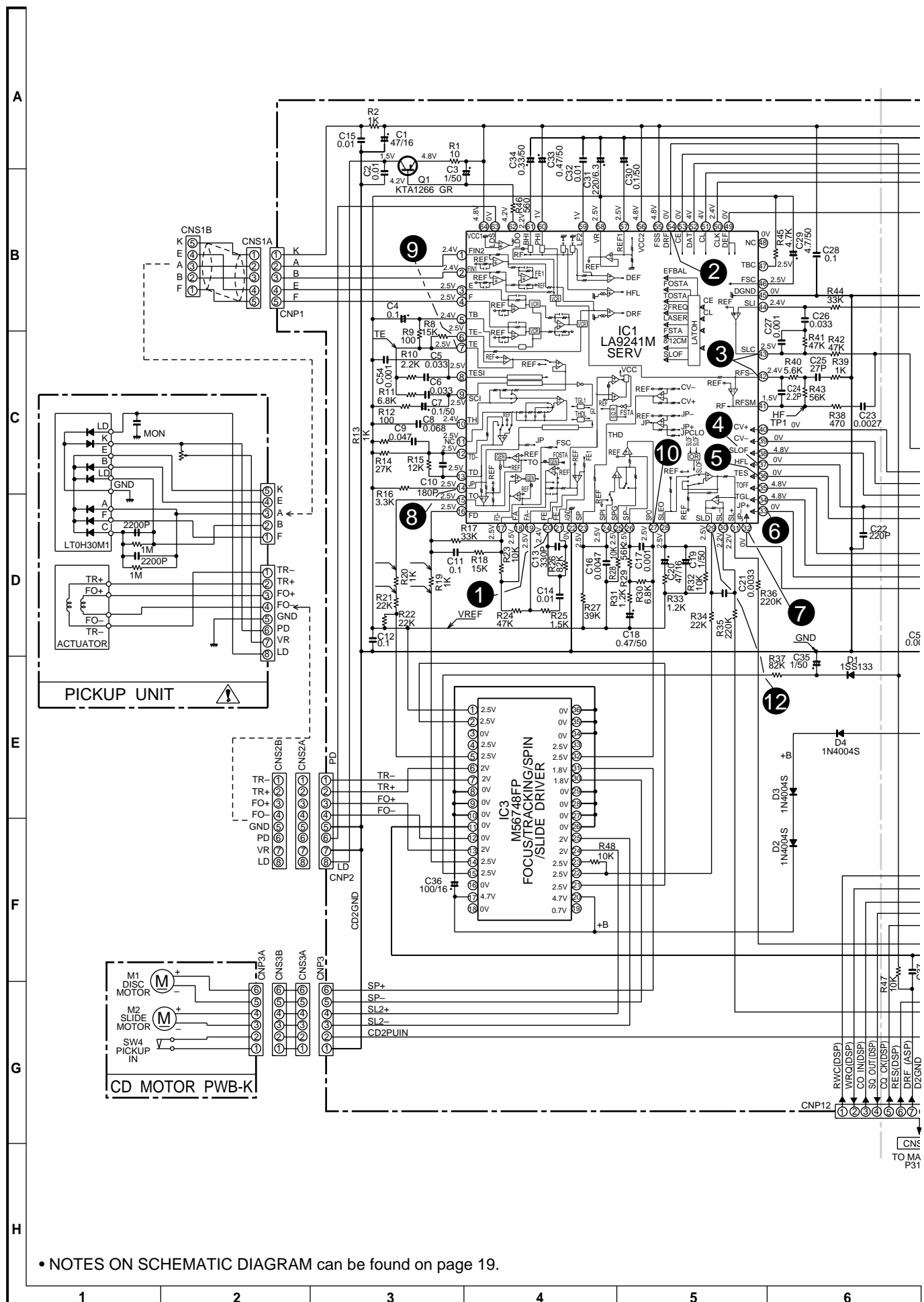
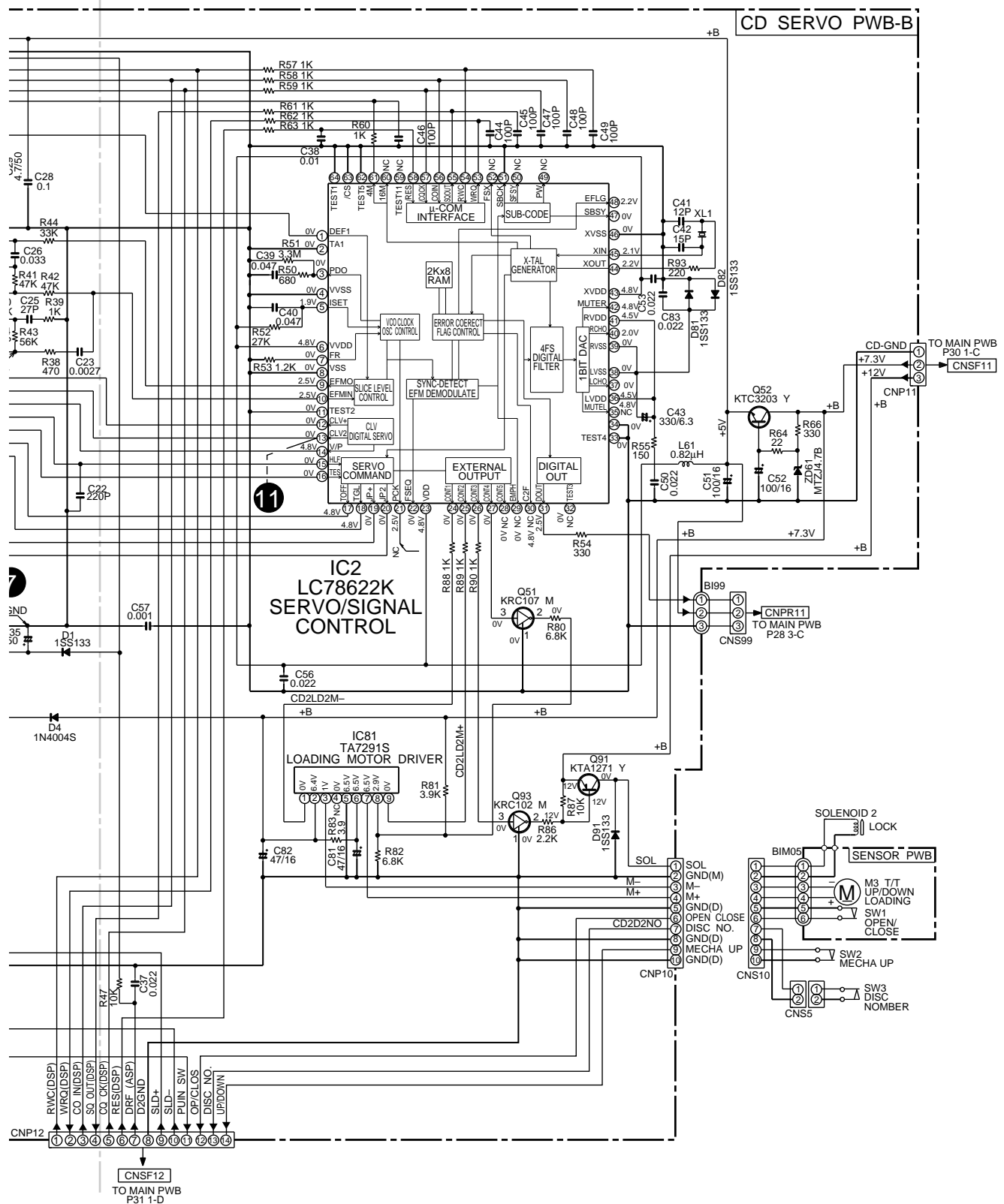


Figure 26 SCHEMATIC DIAGRAM (1/20)



- The numbers 1 to 12 are waveform numbers shown in page 20.

Figure 27 SCHEMATIC DIAGRAM (2/20)



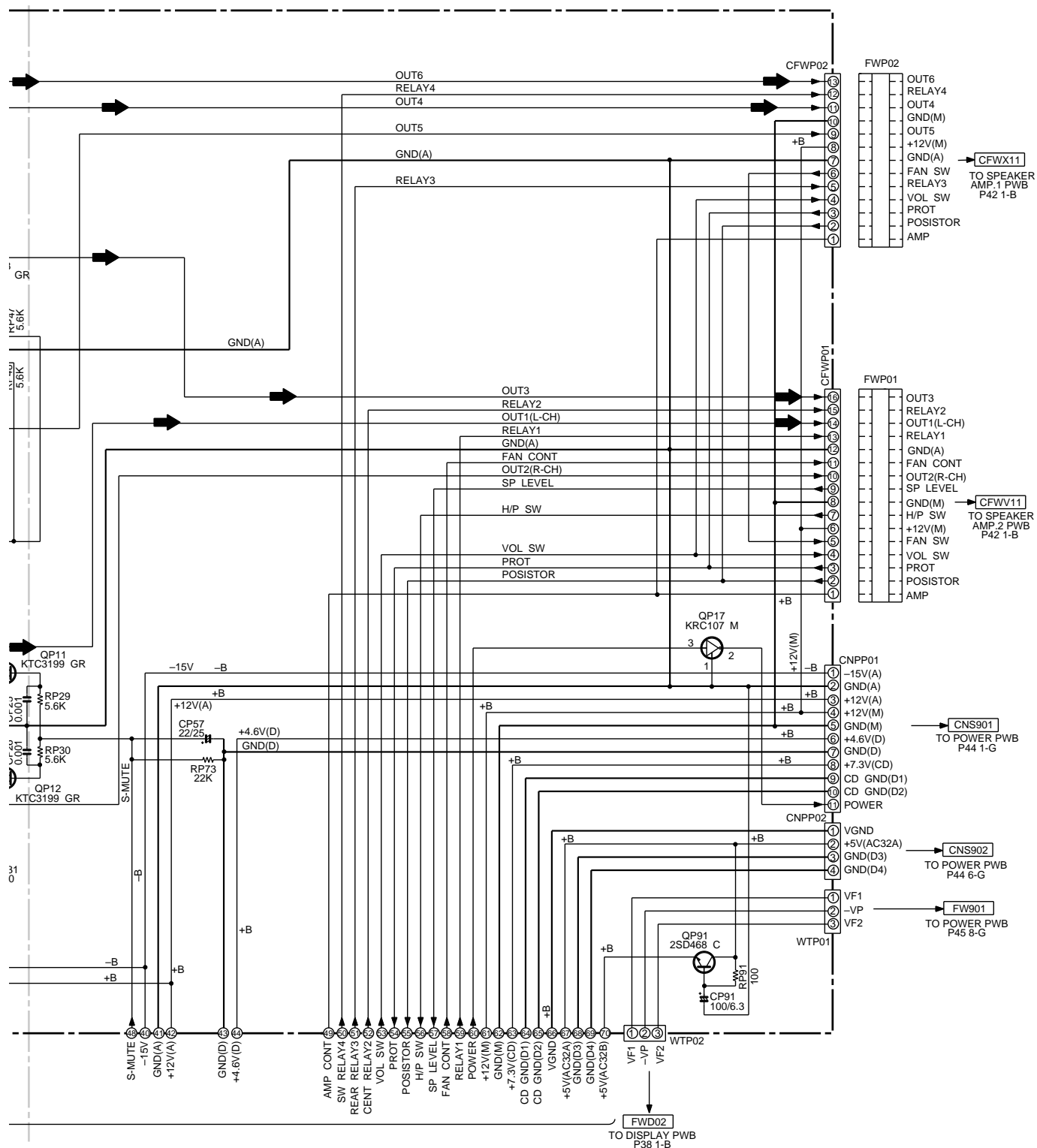


Figure 29 SCHEMATIC DIAGRAM (4/20)

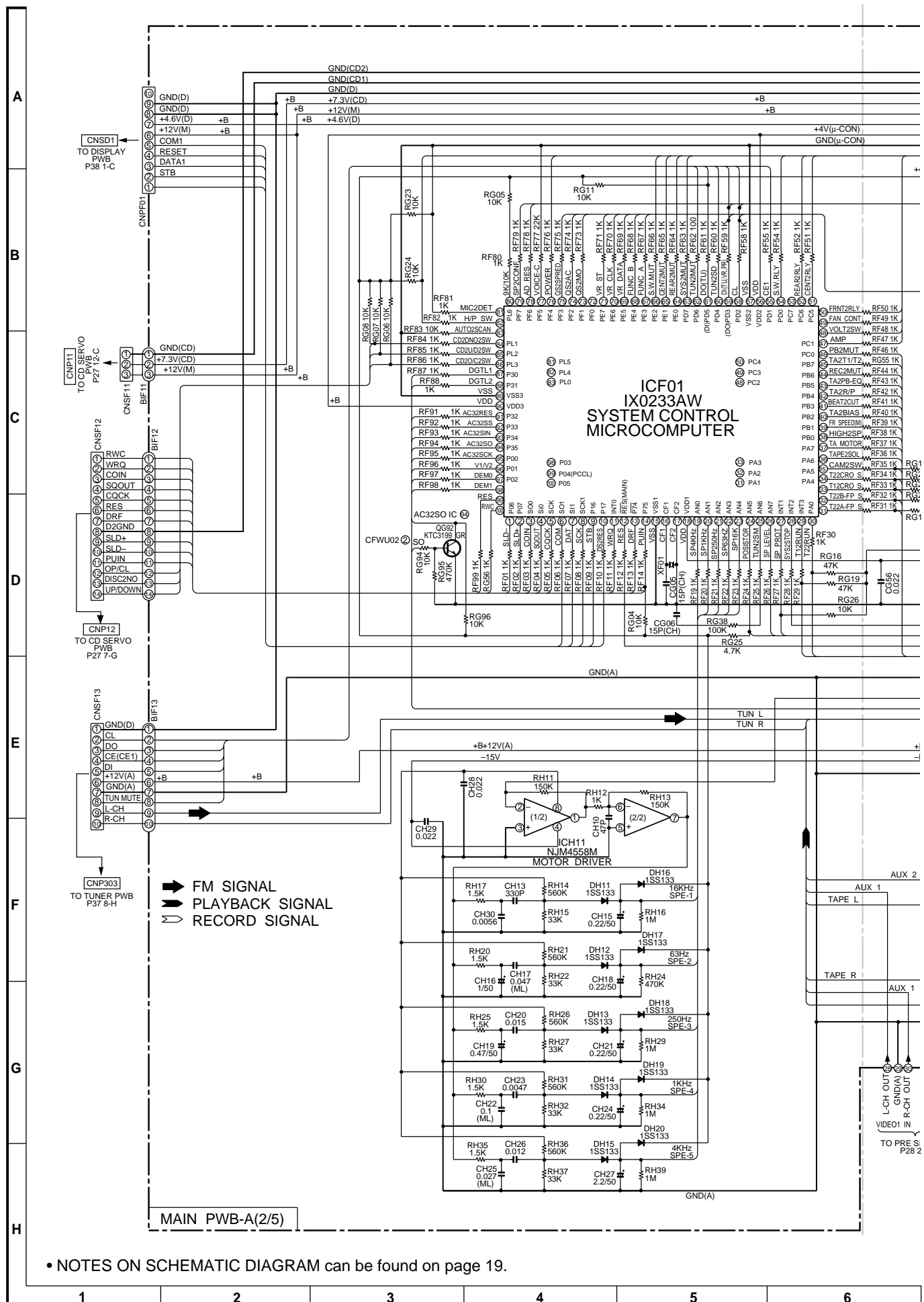


Figure 30 SCHEMATIC DIAGRAM (5/20)

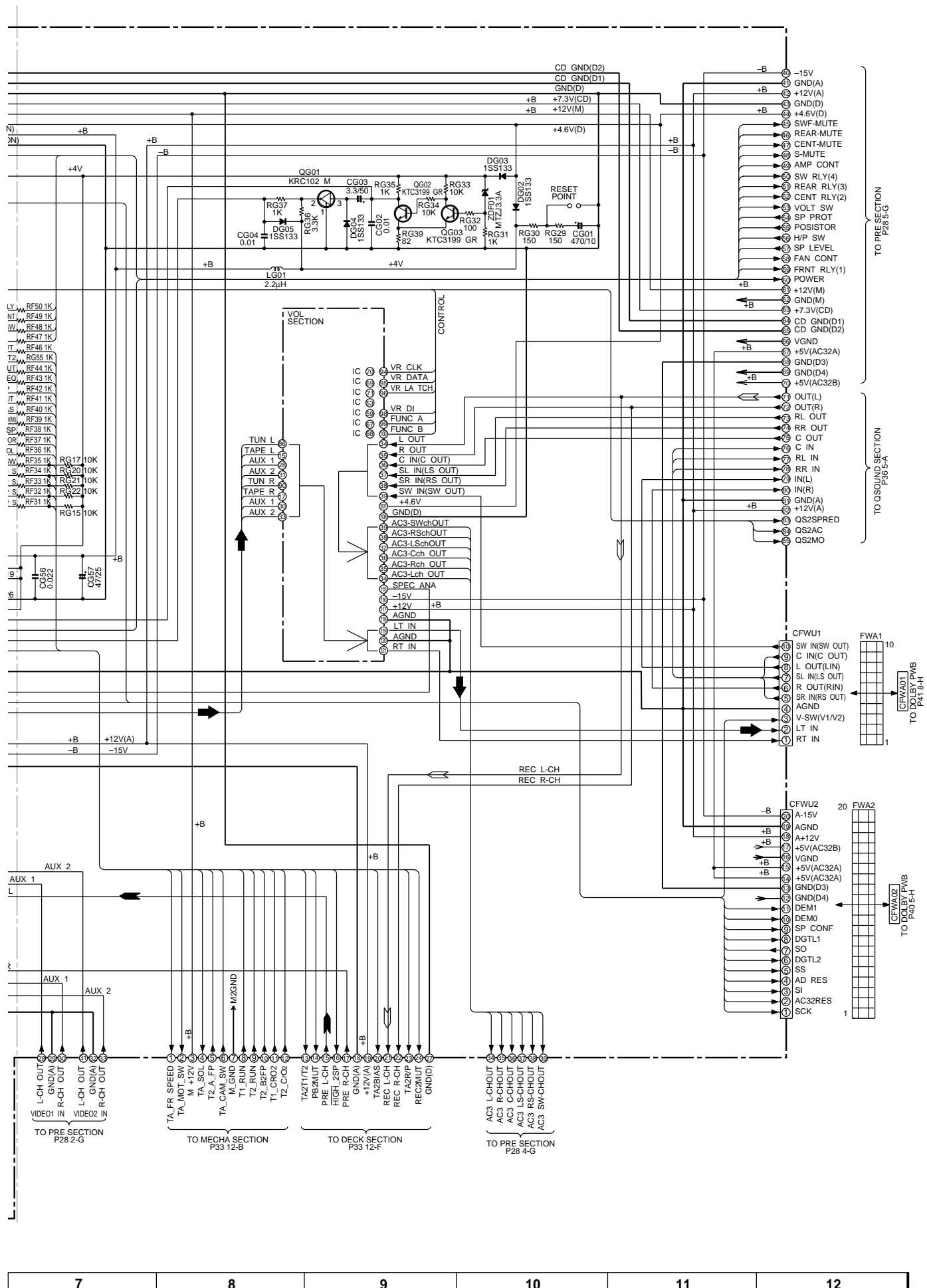


Figure 31 SCHEMATIC DIAGRAM (6/20)

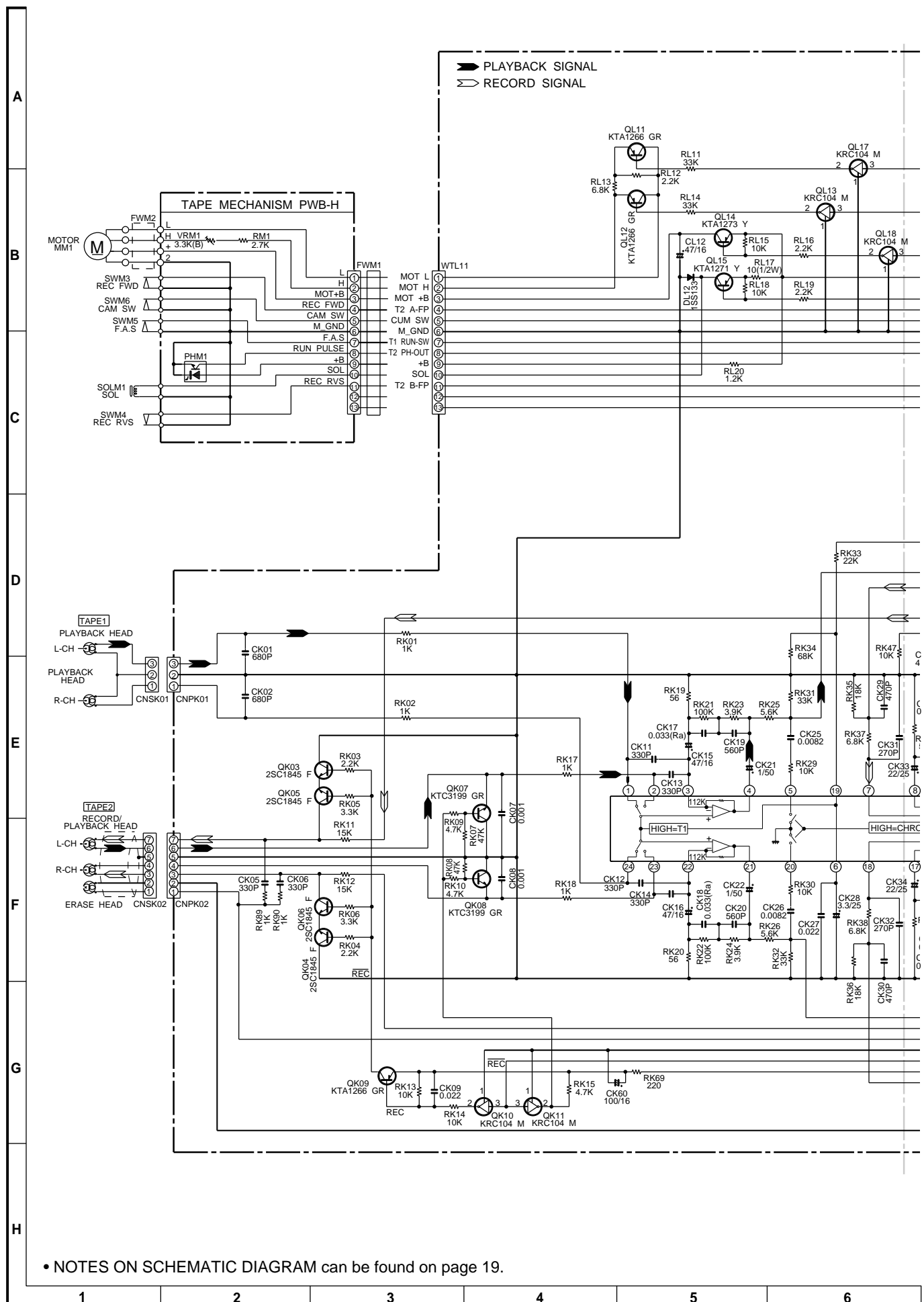


Figure 32 SCHEMATIC DIAGRAM (7/20)

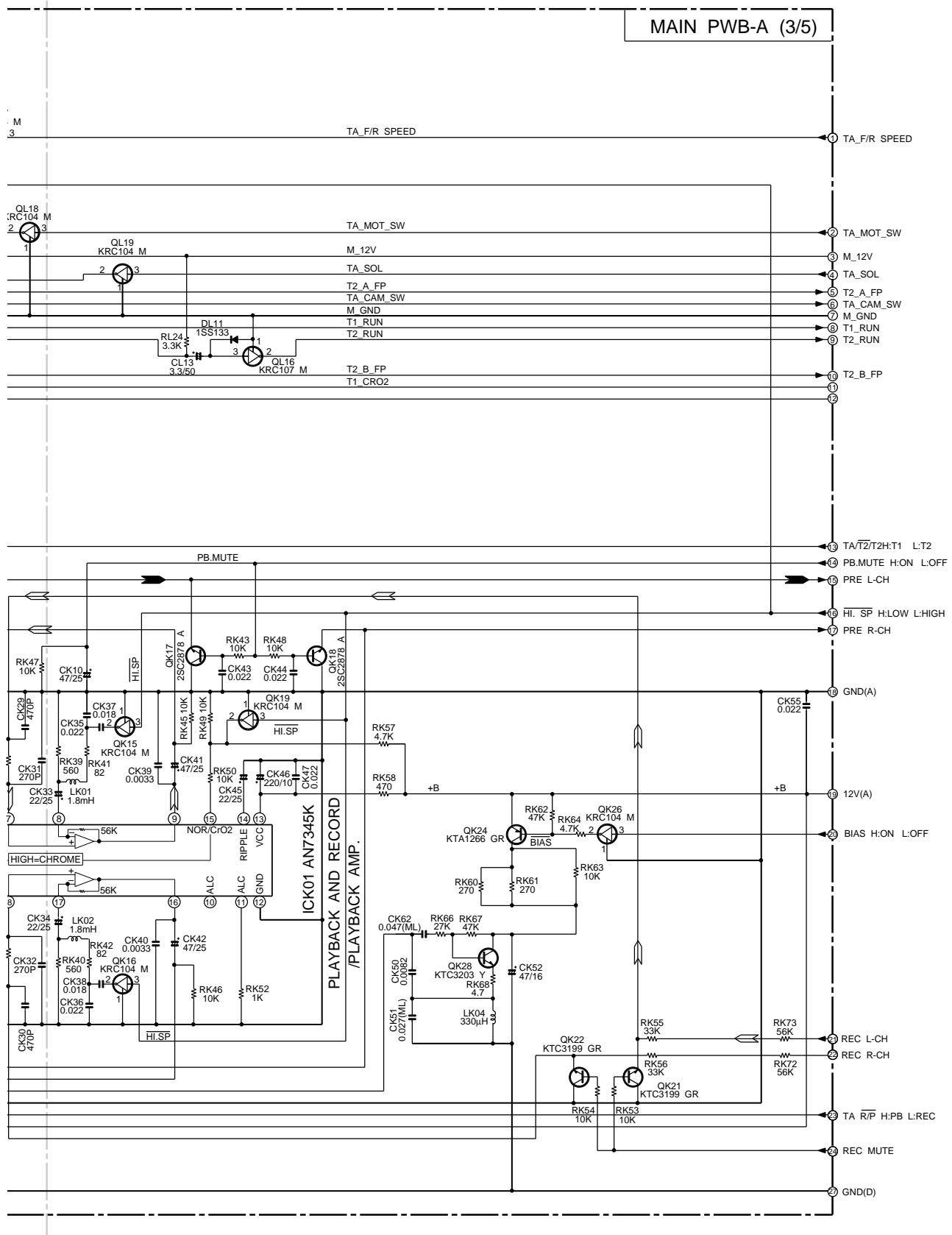


Figure 33 SCHEMATIC DIAGRAM (8/20)

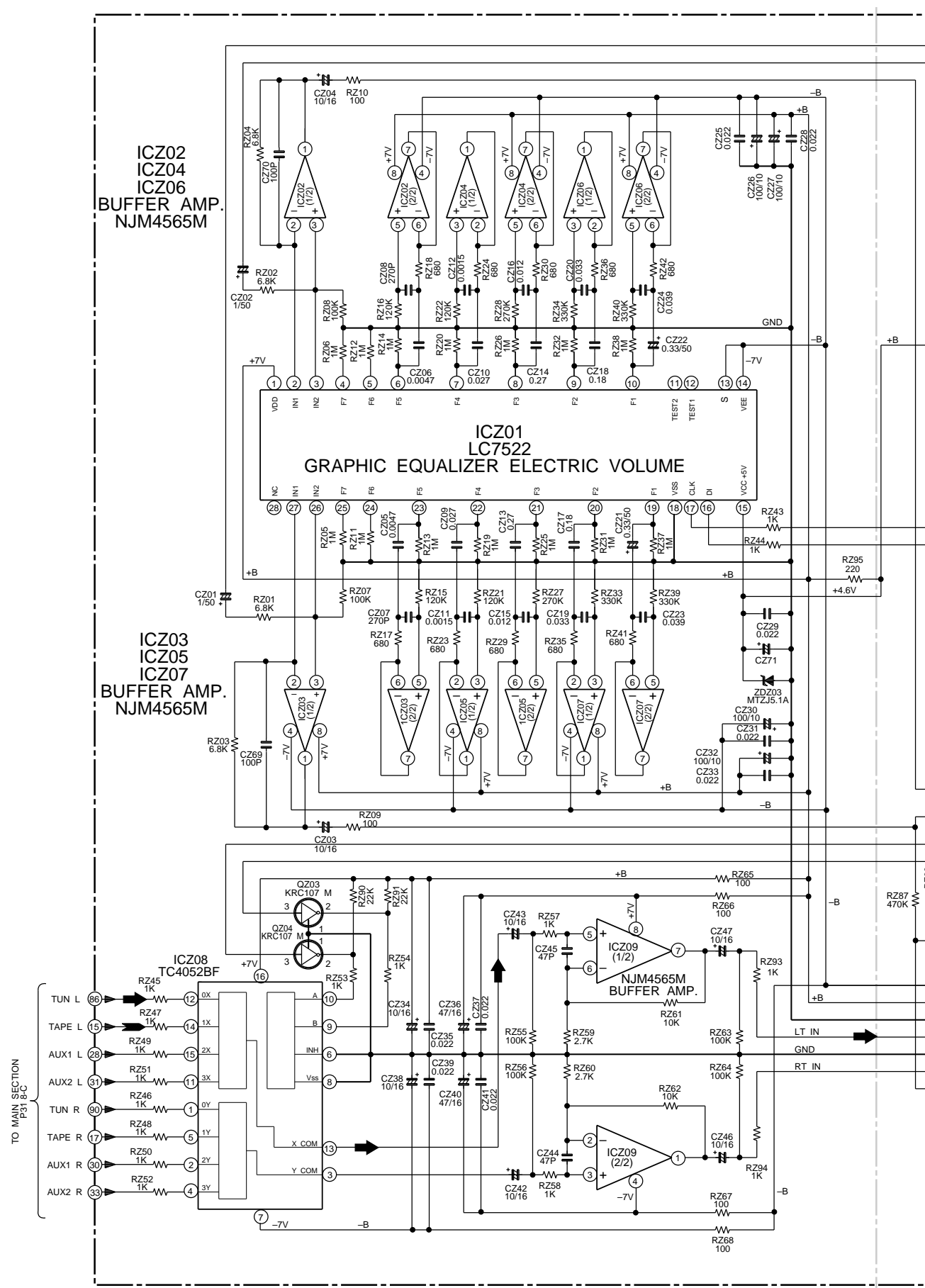
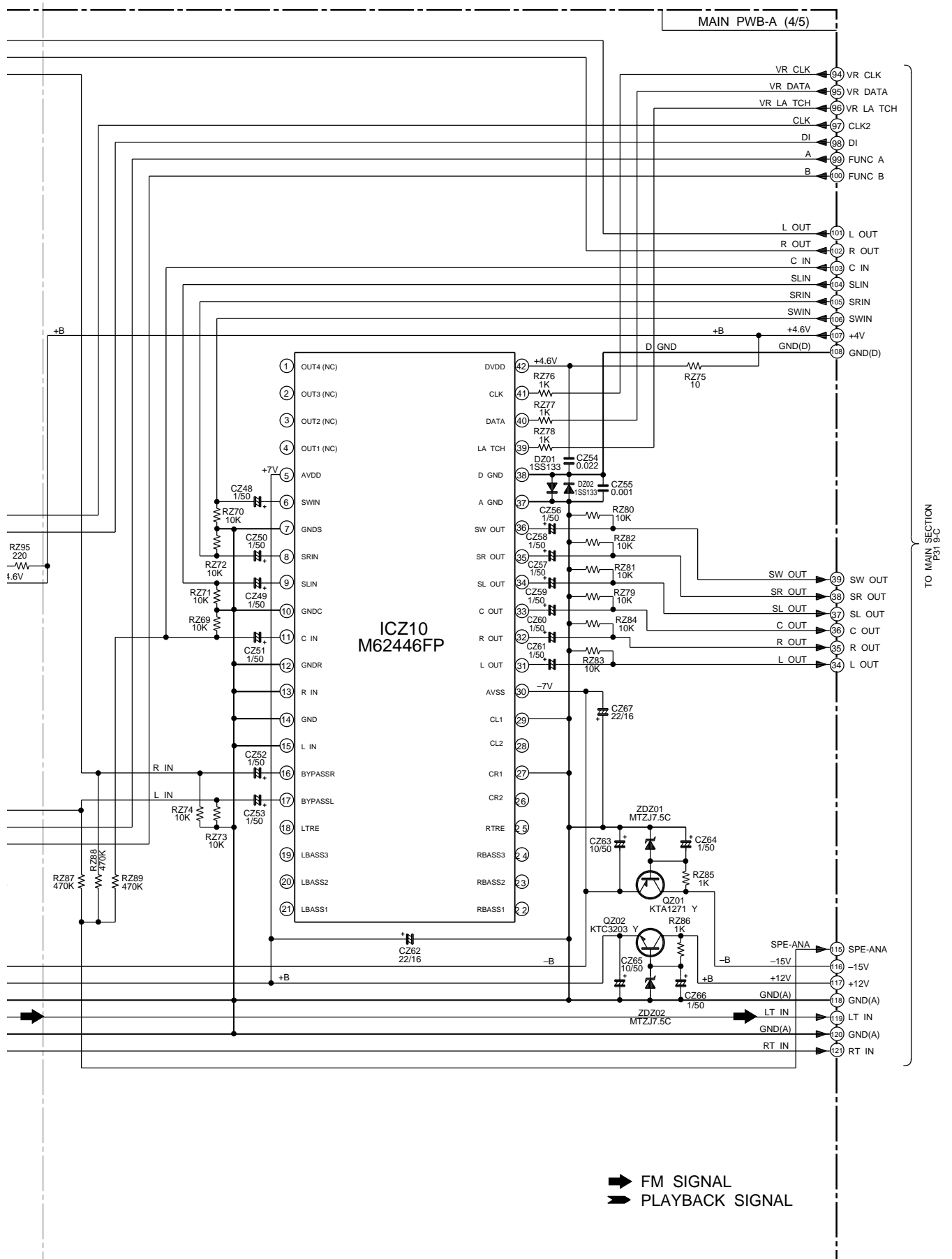


Figure 34 SCHEMATIC DIAGRAM (9/20)





- 36 -



- 38 -

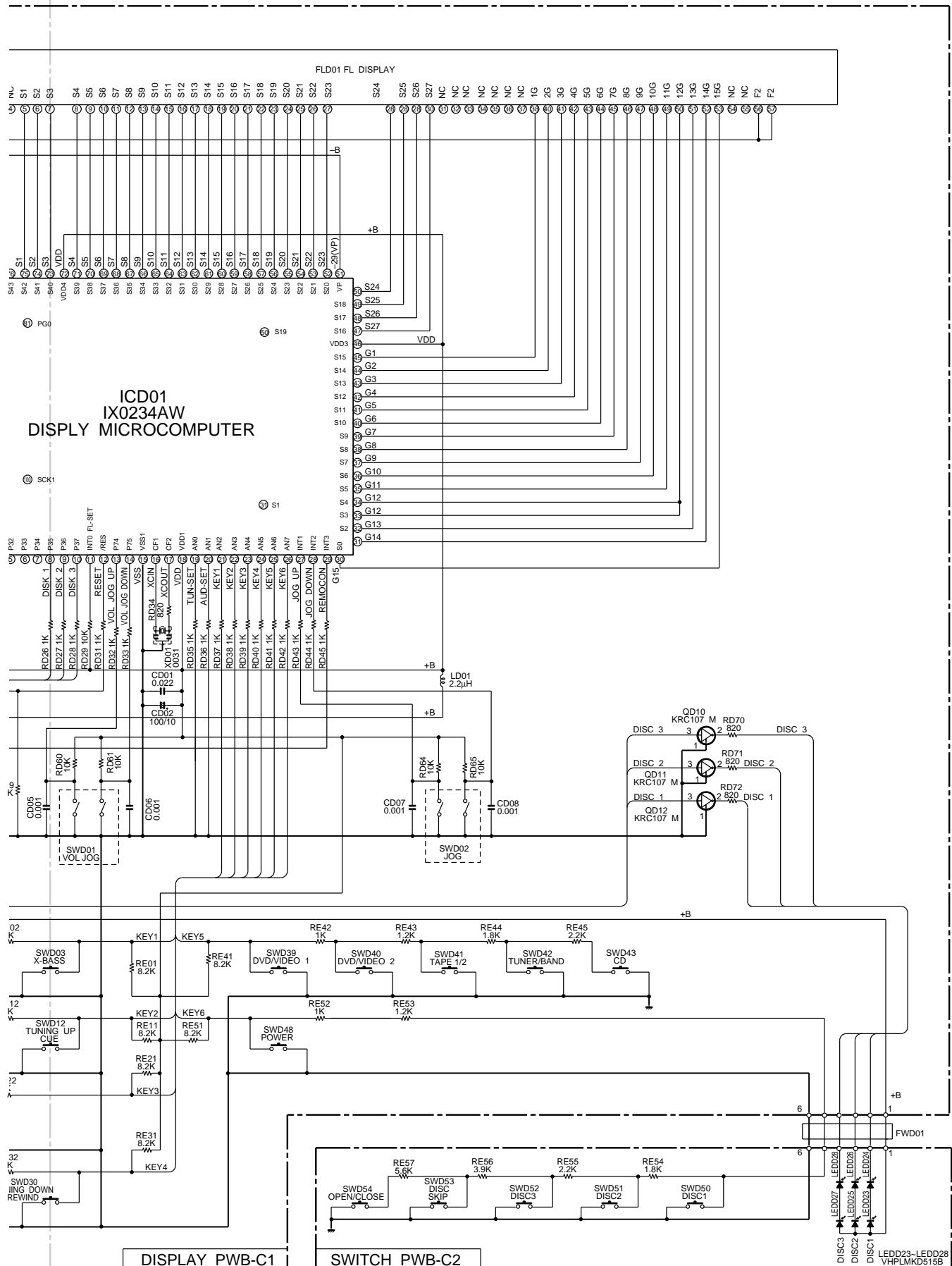


Figure 39 SCHEMATIC DIAGRAM (14/20)

- 40 -

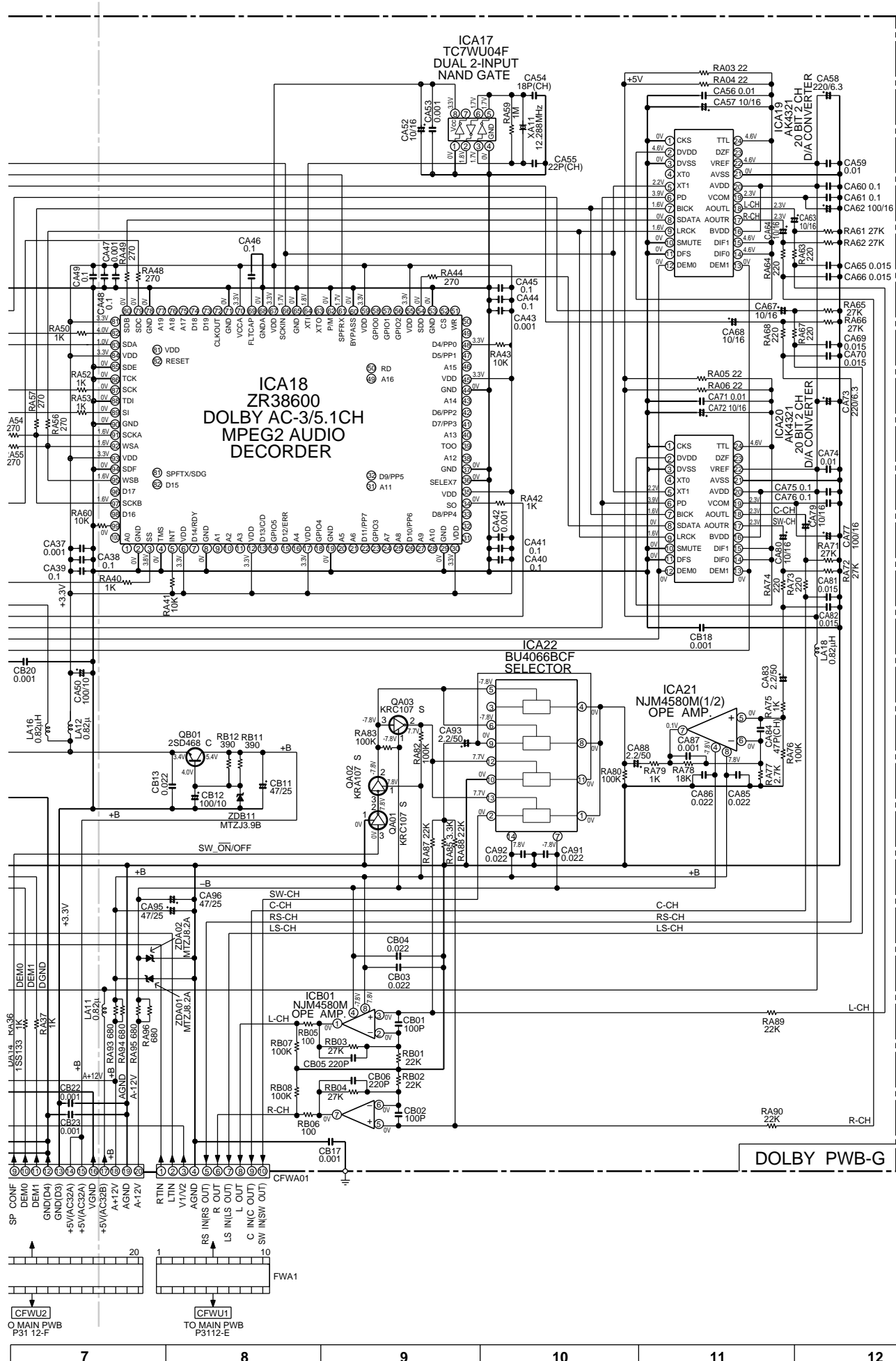


Figure 41 SCHEMATIC DIAGRAM (16/20)

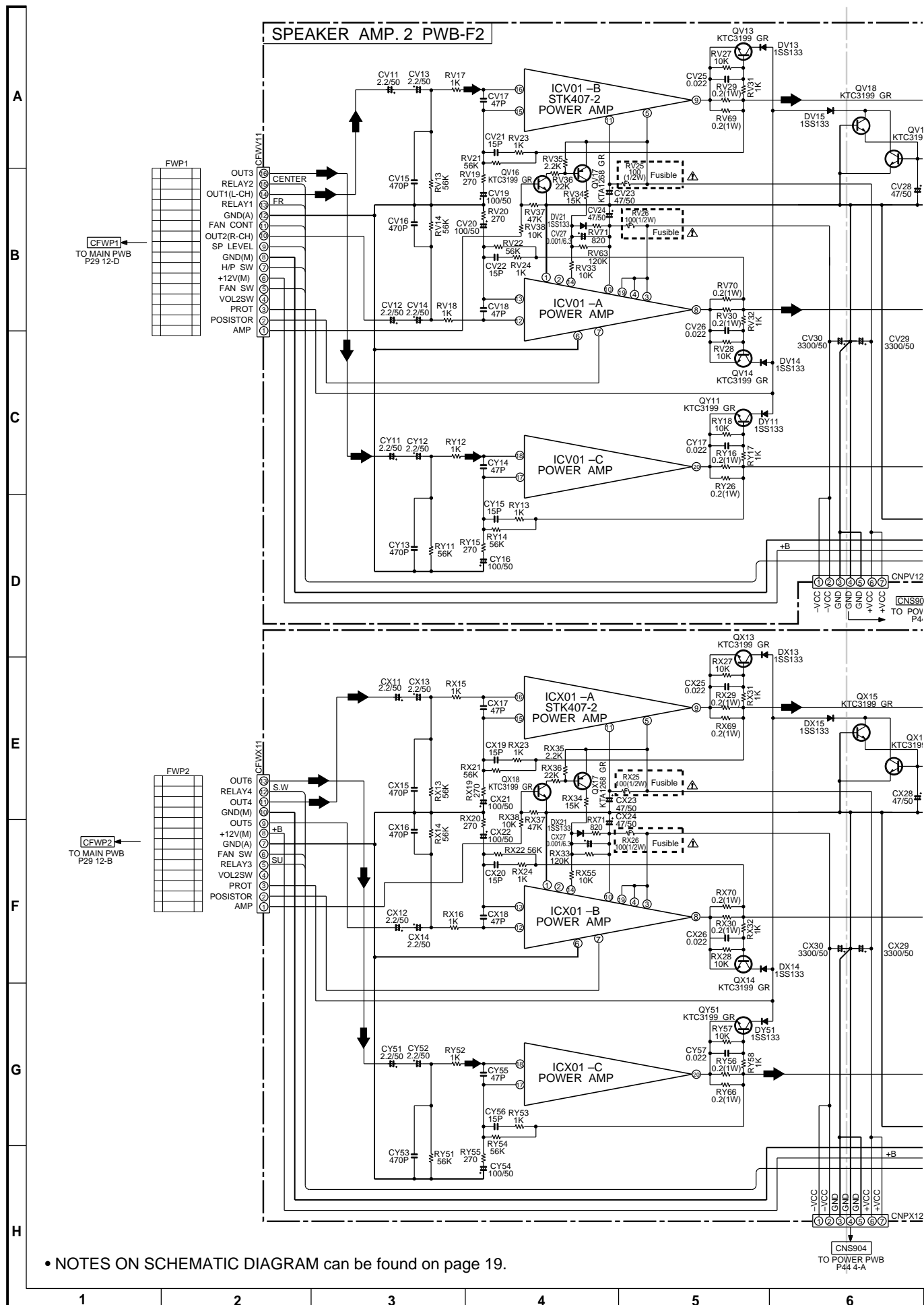


Figure 42 SCHEMATIC DIAGRAM (17/20)



- 43 -



- 44 -

- 45 -

- 46 -

- 47 -

DOLBY PWB- G (TOP VIEW)

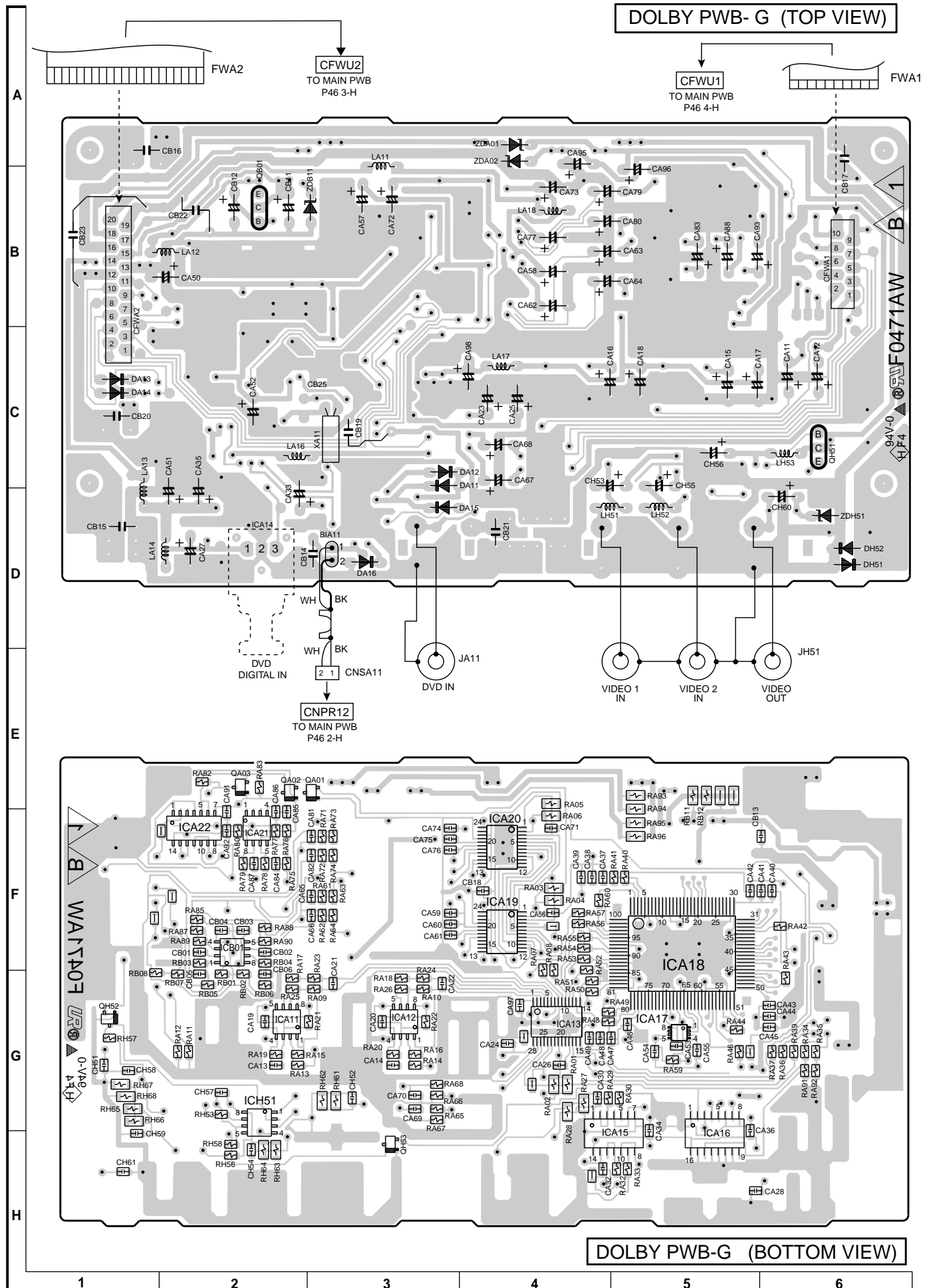
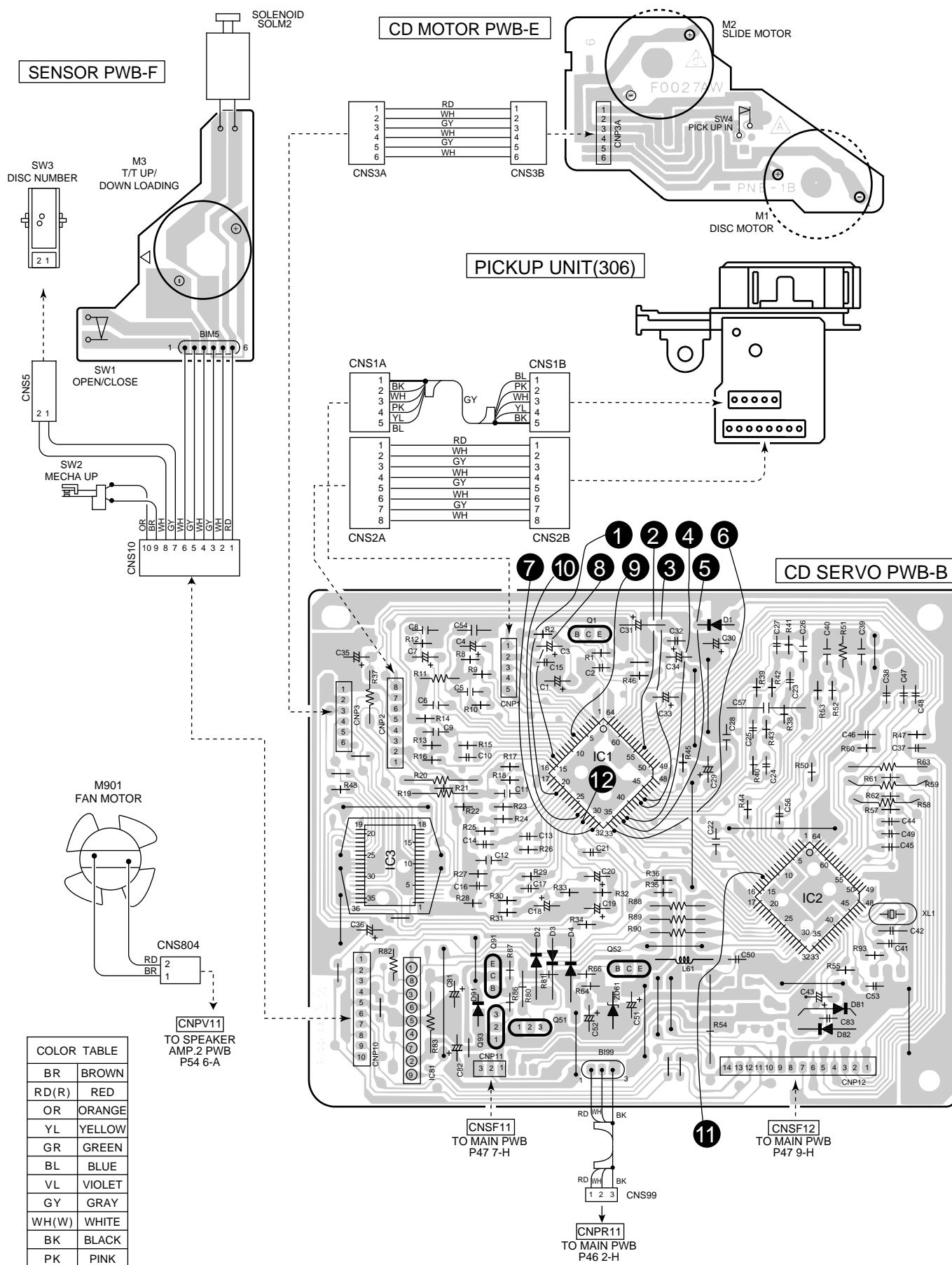


Figure 48 WIRING SIDE OF P.W.BOARD (3/9)

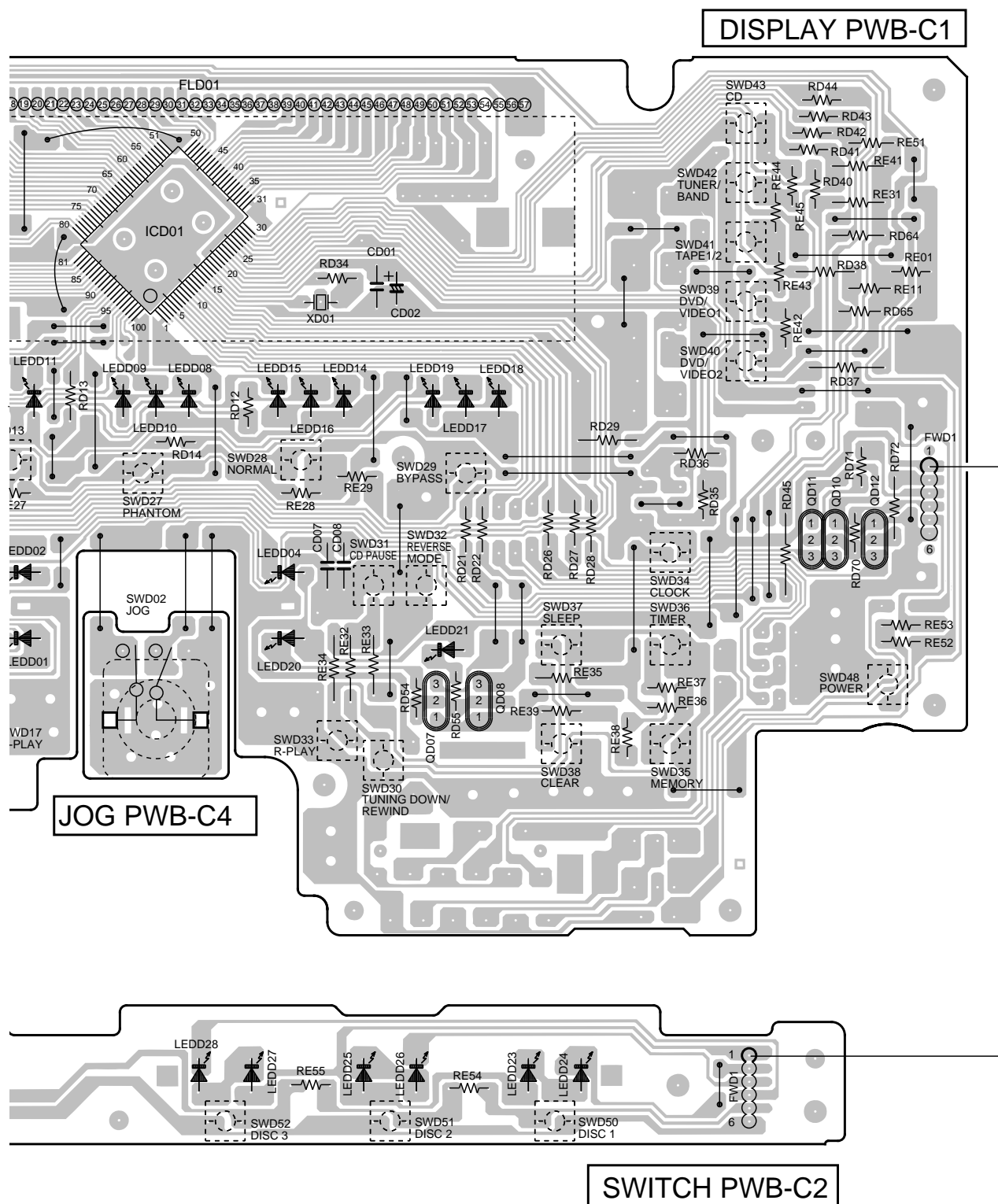


• The numbers ① to ⑫ are waveform numbers shown in page 20.

7	8	9	10	11	12
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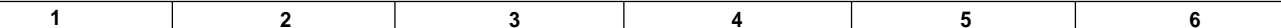
Figure 49 WIRING SIDE OF P.W.BOARD (4/9)

– 50 –



7	8	9	10	11	12
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Figure 51 WIRING SIDE OF P.W.BOARD (6/9)



- 52 -

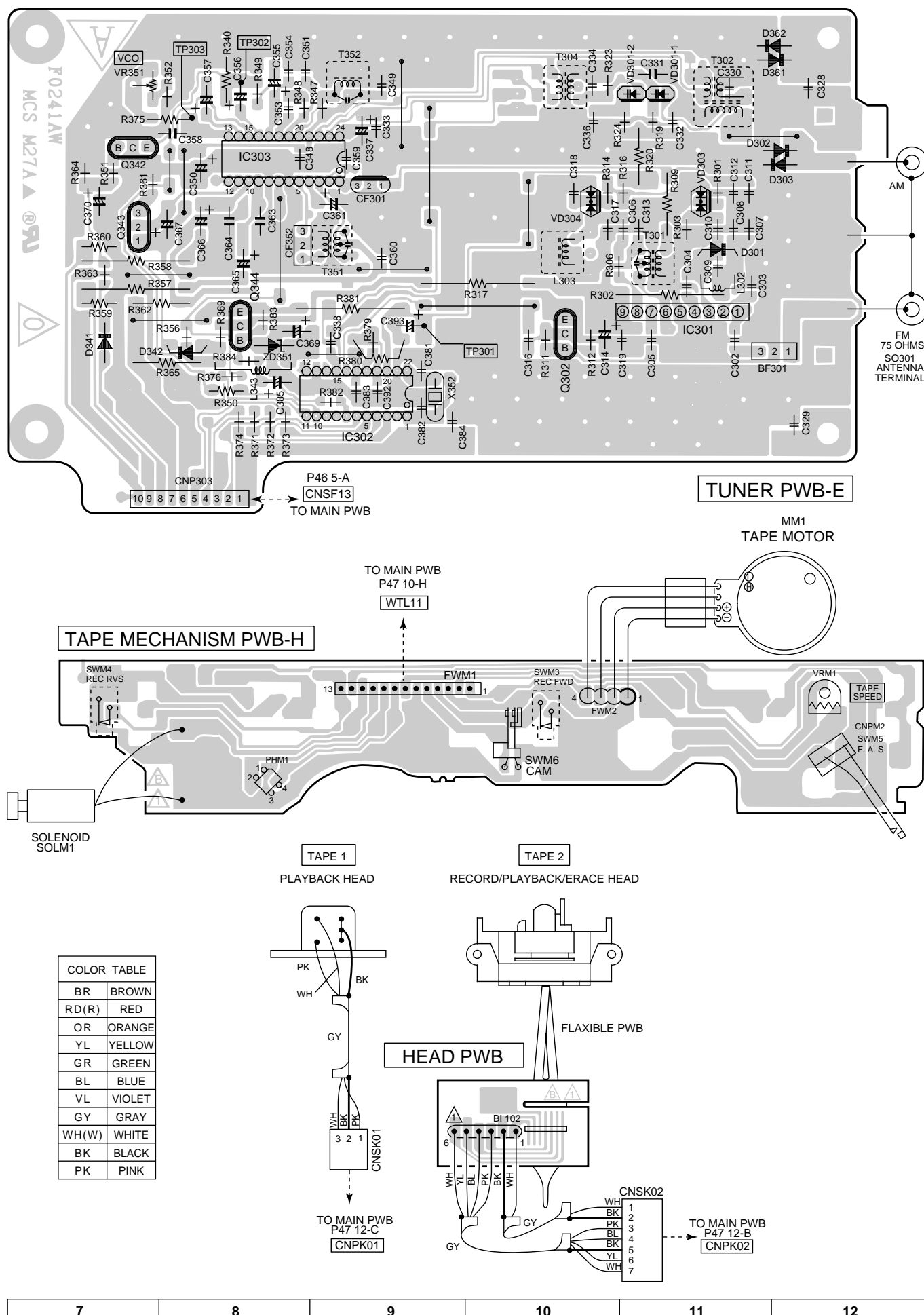


Figure 53 WIRING SIDE OF P.W.BOARD (8/9)

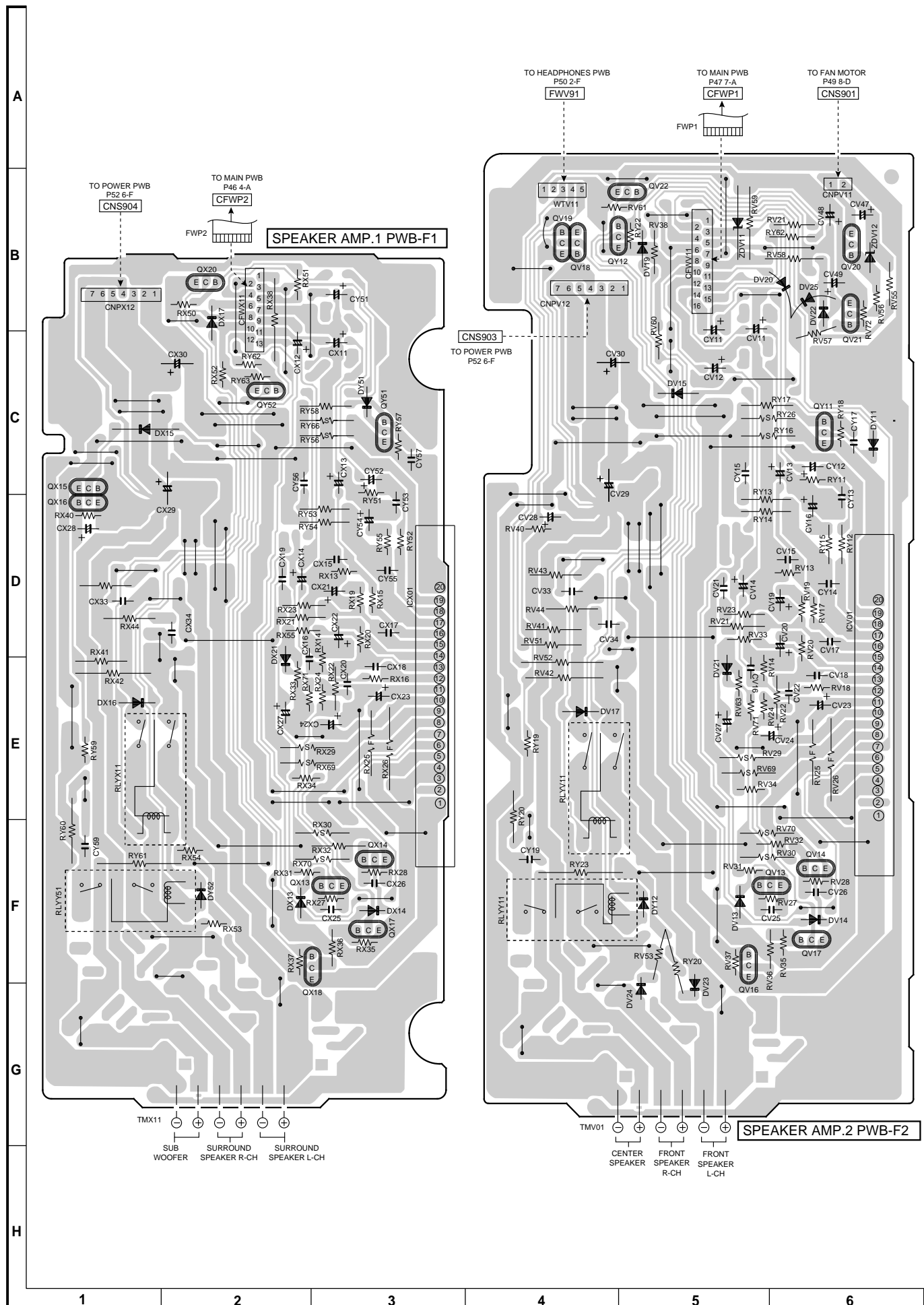


Figure 54 WIRING SIDE OF P.W.BOARD (9/9)

TROUBLESHOOTING

When the CD does not function

When the CD section does not operate When the objective lens of the optical pickup is dirty, this section may not operate. Clean the objective lens, and check the playback operation. When this section does not operate even after the above step is taken, check the following items.

Remove the cabinet and follow the troubleshooting instructions.

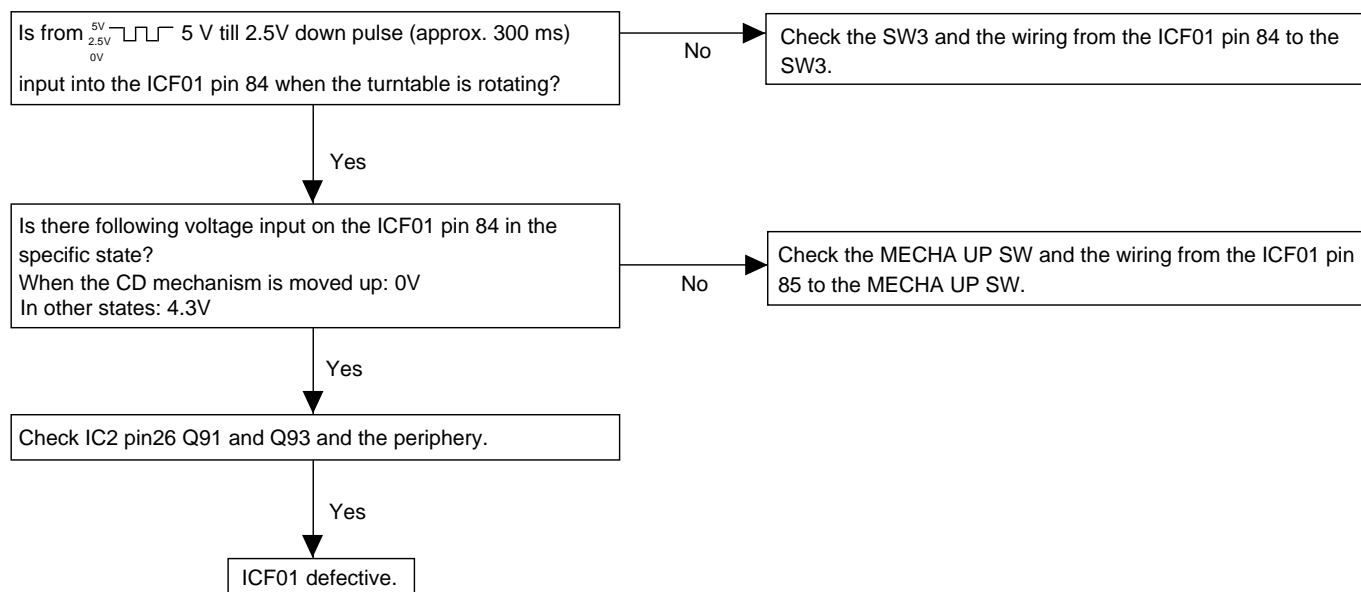
"Track skipping and/or no TOC (Table Of Contents) may be caused by build up of dust or other foreign matter on the laser pickup lens. Before attempting any adjustment make certain that the lens is clean. If not, clean it as mentioned below."

Turn the power off.

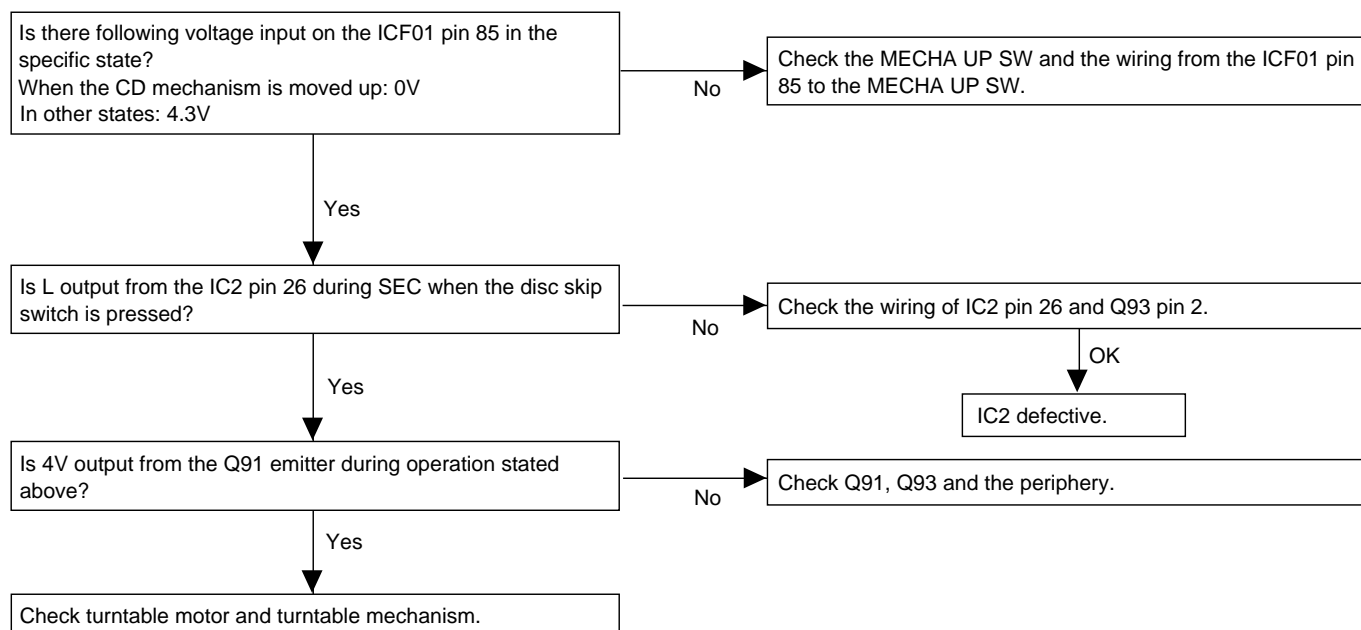
Gently clean the lens with a lens cleaning tissue and a small amount of isopropyl alcohol.

Do not touch the lens with the bare hand.

• When the turntable fails to stop.

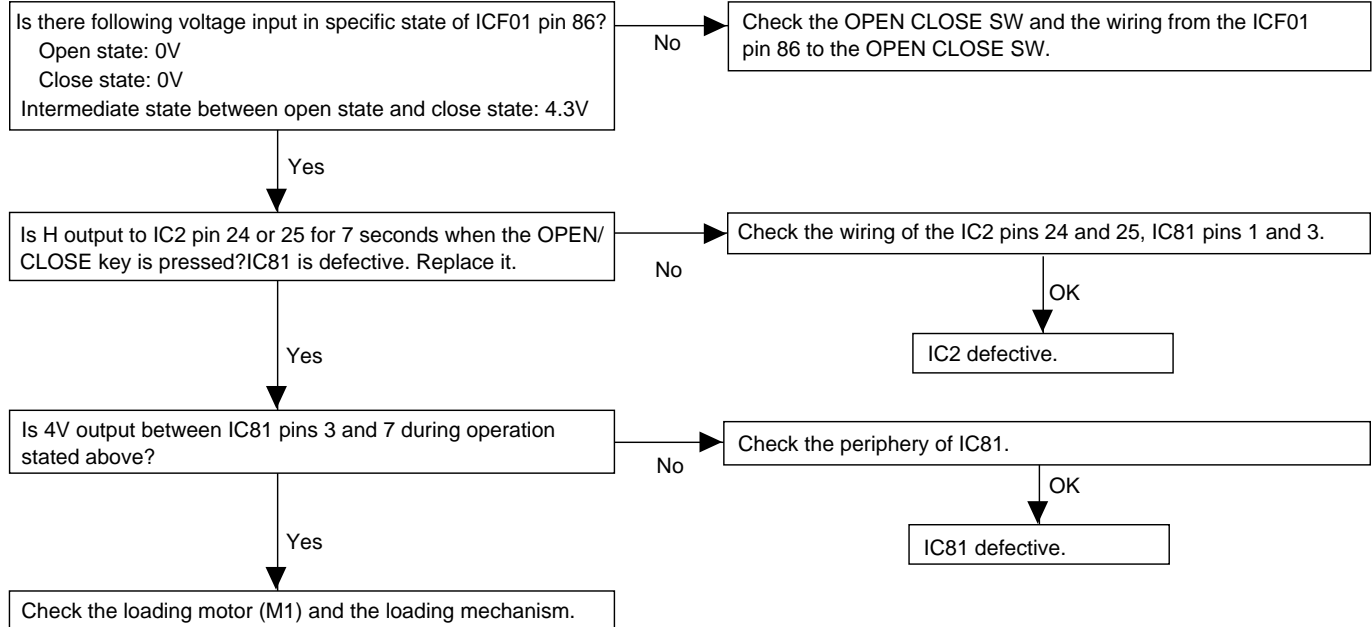


• When turntable fails to move.

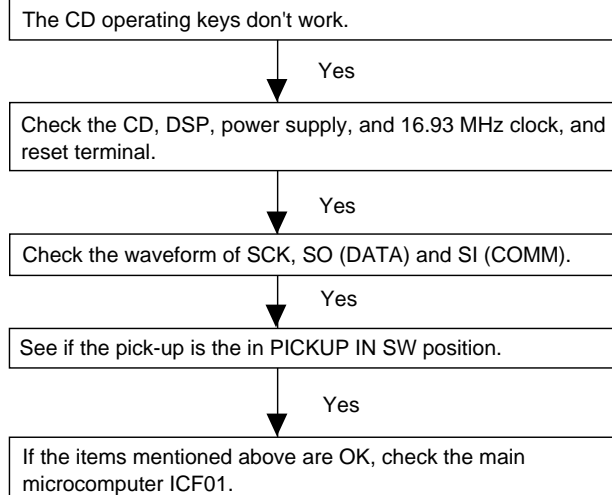


CD-C492/492C

• When the CD tray fails to open or close.



• The CD function will not work.



• The CD operating keys work.

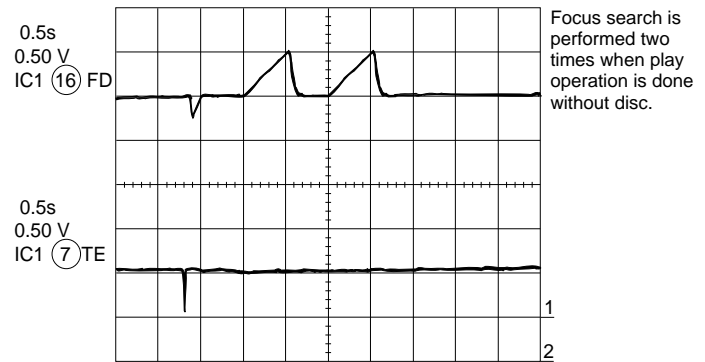
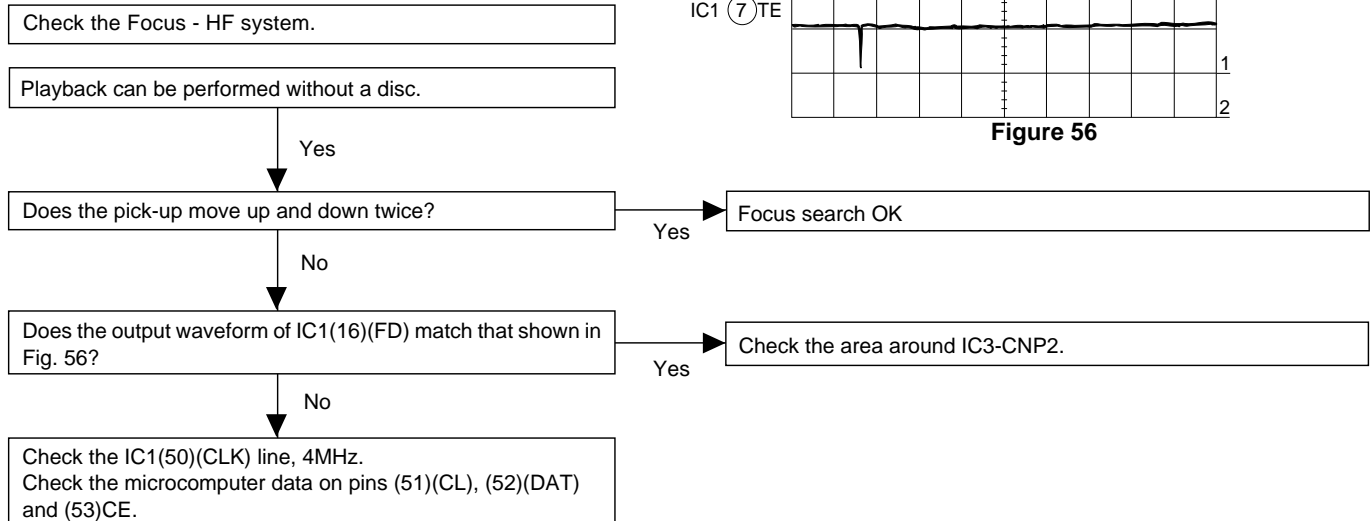
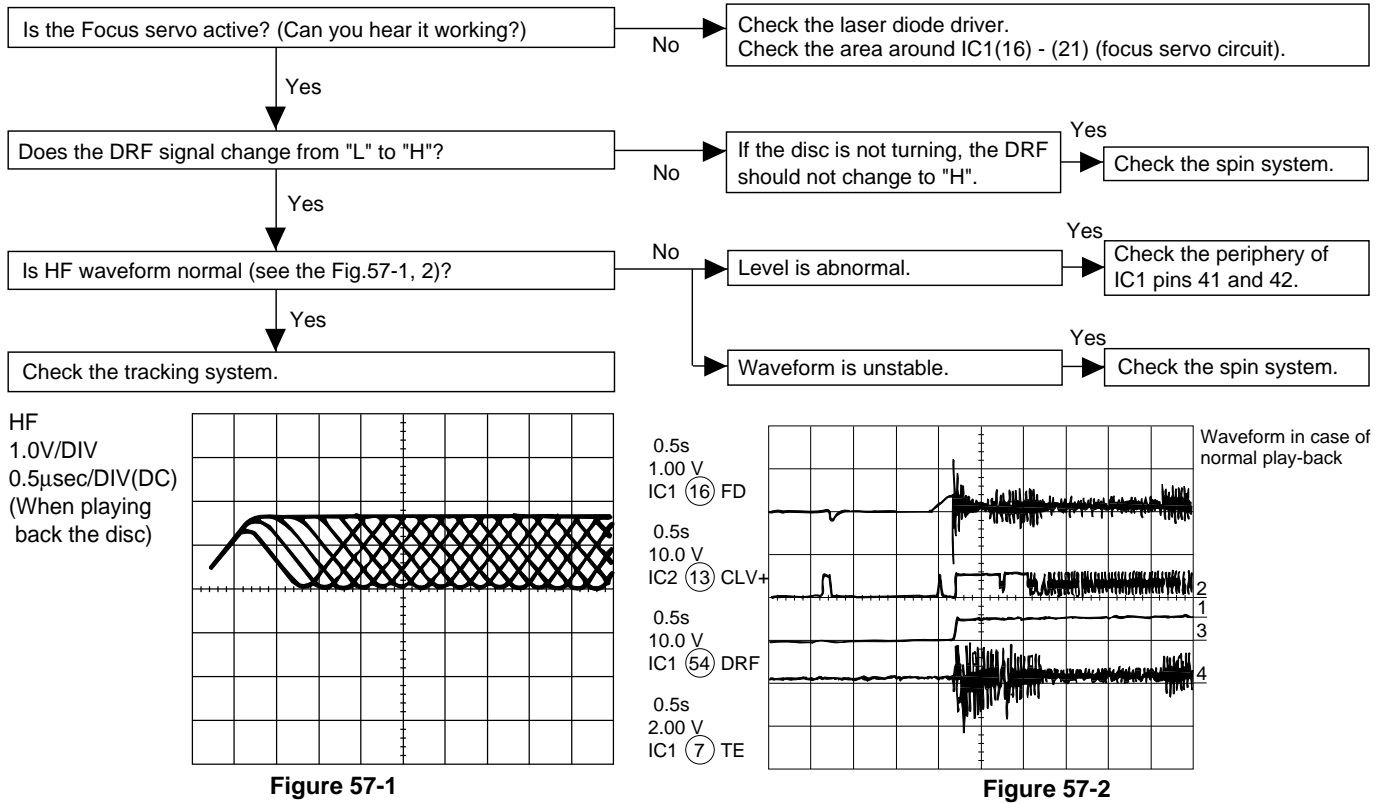
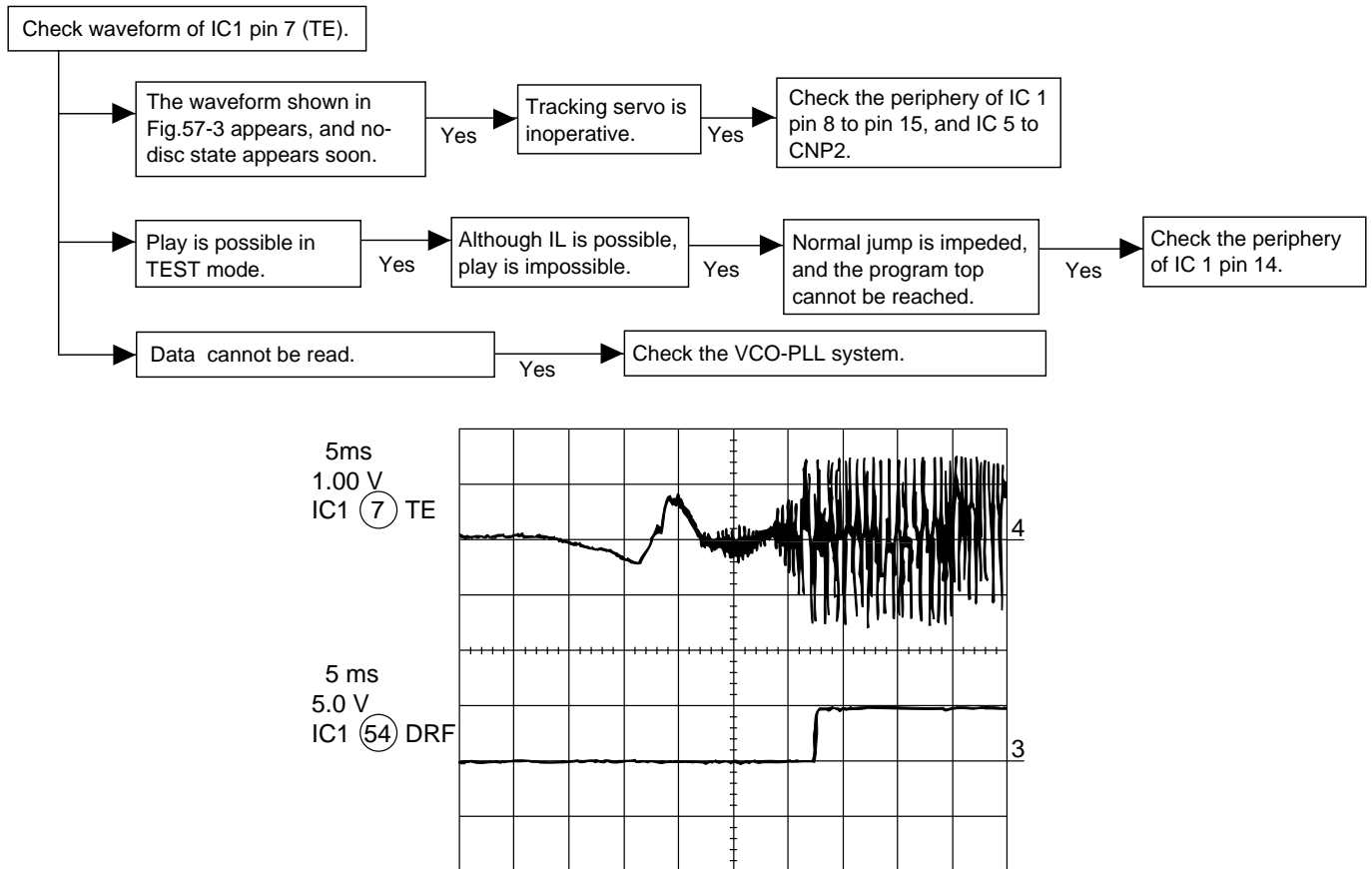


Figure 56

- Playback can only be performed when a disc is loaded.



- Check the tracking system.



CD-C492/492C

• Checking the spin system.

Play operation is performed without disc.

Yes

The turntable rotates a little.

Yes

The spin driver circuit is normal.

No

The turntable fails to rotate or rotates at high speed.

Yes

Check the periphery of IC1 pins 23 to 27, pin 39, and pin 40, IC2 pin 12 and pin 13, IC5 to CNP3.

• Checking the VCO-PLL system

Play operation is performed when disc exits.

Yes

Although HF waveform is normal, TOC data cannot be read.

Yes

Check PDO waveform (Fig. 58).

Abnormal

Check the IC1 pins 43 and 44, IC2 pins 3, 5, 7, 10, and 11.

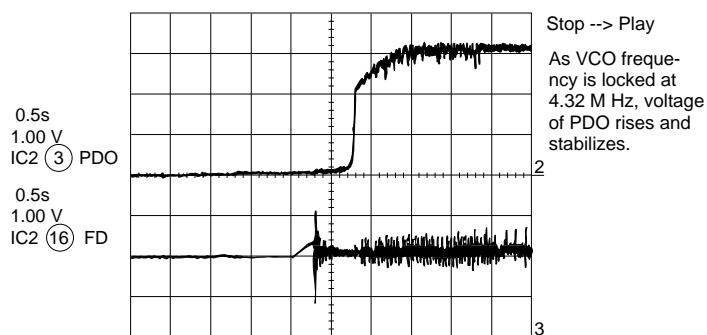


Figure 58

• Although HF waveform is normal and the time indication is normal, no sound is emitted.

Check IC 2 pin 48 (EFLG).

No

Usually, the number of pulses of flawless disc is 100 pulses/sec or less.

Yes

Check IC2 pins 37, 40.

Abnormal

Check IC 401 and POWER AMP IC 801.

FUNCTION TABLE OF IC

IC2 VHiLC78623D-1: Servo/Signal Control (LC78623D) (1/2)

Pin No.	Terminal Name	Input/Output	Function	
1	DEFI	Input	Input terminal of defect detection signal (DEF). (Connected to OV when not used.)	
2	TAI	Input	For PLL	Input terminal for test. Pull-down resistor is integrated. Surely connected to 0V.
3	PDO	Output		Output terminal of phase comparison for external VCO control.
4	VVSS	—		Ground terminal for integrated VCO. Surely connected to 0V.
5	ISET	Input		Resistance connection terminal for current adjustment of PDO output.
6	VVDD	—		Power terminal for integrated VCO.
7	FR	Input		VCO frequency range adjustment.
8	VSS	—	Ground terminal of digital system. Surely connected to 0V.	
9	EFMO	Output	For slice level control	EFM signal output terminal.
10	EFMIN	Input		EFM signal input terminal.
11	TEST2	Input	Input terminal for test. Pull-down resistor is integrated. Surely connected to 0V.	
12	CLV+	Outout	Output for disk motor control. 3 values can be output with the commands.	
13	CLV-	Output	Output for disk motor control. 3 values can be output with the commands.	
14	V/P	Output	Monitor output terminal for automatic switch of rough servo/phase control. "H" for rough servo, and "L" for phase servo.	
15	HLF	Intput	Input terminal of track detection signal. Schmit input.	
16	TES	Input	Input terminal of tracking error signal. Schmit input.	
17	TOFF	Output	Tracking OFF output terminal.	
18	TGL	Output	Output terminal for switch of tracking gain "L" increases the gain.	
19	JP+	Output	Output for track jump control. 3 values can be output with the commands.	
20	JP-	Output	Output for track jump control. 3 values can be output with the commands.	
21*	PCK	Output	Clock monitor terminal for EFM data replay. 4,3218MHz as the phase clock.	
22*	FSEQ	Output	Output terminal synchronous signal detection. "H" is output when synchronous signal detected by EFM signal matches synchronous signal internally generated.	
23	VDD	—	Power terminal of digital system.	
24	CONT1	Input/Output	General purpose input/output terminal 1	Controlled with serial data command from micro computer. When not used, set it as the input terminal and open it by connecting to 0V, or set it as the output terminal and open it.
25	CONT2	Input/Output	General purpose input/output terminal 2	
26	CONT3	Input/Output	General purpose input/output terminal 3	
27	CONT4	Input/Output	General purpose input/output terminal 4	
28*	CONT5	Input/Output	General purpose input/output terminal 5	
29*	EMPH	Output	Difference monitor terminal At "H", deemphasis disk is being replayed.	
30*	C2F	Output	C2 flag output terminal.	
31	DOUT	Output	Output terminal of digital OUTPUT. (EIAJ format)	
32*	TEST3	Input	Input terminal for test. Pull-down resistor is integrated. Surely connected to 0V.	
33	TEST4	Input	Input terminal for test. Pull-down resistor is integrated. Surely connected to 0V.	
34	N.C.	—	Terminal not used. Open during operation.	
35*	MUTEL	Output	L channel 1 bit DAC	Mute output terminal for L channel.
36	LVDD	—		Power terminal for L channel.
37*	LCHO	Output		L channel output terminal.
38	LVSS	—		Ground terminal for L channel Surely connected to 0V.
39	RVSS	—	R channel 1 bit DAC	Ground terminal for R channel Surely connected to 0V.
40*	RCH0	Output		R channel output terminal.
41	RVDD	—		Power terminal for R channel.
42*	MUTER	Output		Mute output terminal for R channel.
43	XVDD	—	Power terminal for quartz oscillation.	
44	XOUT	Output	Ground terminal of 16.9344 MHz quartz oscillator.	
45	XIN	Input	Ground terminal of 16.9344 MHz quartz oscillator.	
46	XVSS	—	Ground terminal for quartz oscillation. Surely connected to 0V.	
47*	SBSY	Output	Output terminal of synchronous signal of subcode block.	
48*	EFLG	Output	Correction monitor terminal of C1, C2, single and double.	

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

IC2 VHiLC78623D-1: Servo/Signal Control (LC78623D) (2/2)

Pin No.	Terminal Name	Input/Output	Function
49*	PW	Output	Output terminal of subcodes P, A, R, S, T, U and W.
50*	SFSY	Output	Output terminal of synchronous signal of subcode frame. It drops when subcode stands by.
51	SBCK	Input	Clock input terminal to read subcode. Schmit input (Connected to 0V when not used.)
52*	FSX	Output	Output terminal of synchronous signal of 7.35kHz divided from quartz oscillation.
53	WRQ	Output	Output terminal to stand by output of subcode Q.
54	RWC	Input	Input terminal of read/write. Schmit input.
55	SQOUT	Output	Output terminal of subcode Q.
56	COIN	Input	Command input terminal from microcomputer.
57	CQCK	Input	Clock input terminal to fetch command input, or pick up subcode from SQOUT. Schmit input
58	RES	Input	Reset input terminal of LC78622. When turning on power, set it at "L".
59*	TEST11	Output	Output terminal for test. Used in the open state ("L" output as ordinary).
60*	16M	Output	Output terminal of 16.9344Hz.
61	4.2M	Output	Output terminal of 4.2336MHz.
62	TEST5	Input	Input terminal for test Pull-down resistor is integrated. Surely connected to 0V.
63	CS	Input	Chip selection input terminal. Pull-down resistor is integrated. Connected to 0 when not controlled.
64	TEST1	Input	Input terminal for test Pull-down resistor is integrated. Surely connected to 0V.

Note: The same potential must be supplied to the power terminals (VDD, VVDD, LVDD, RVDD, XVDD).

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

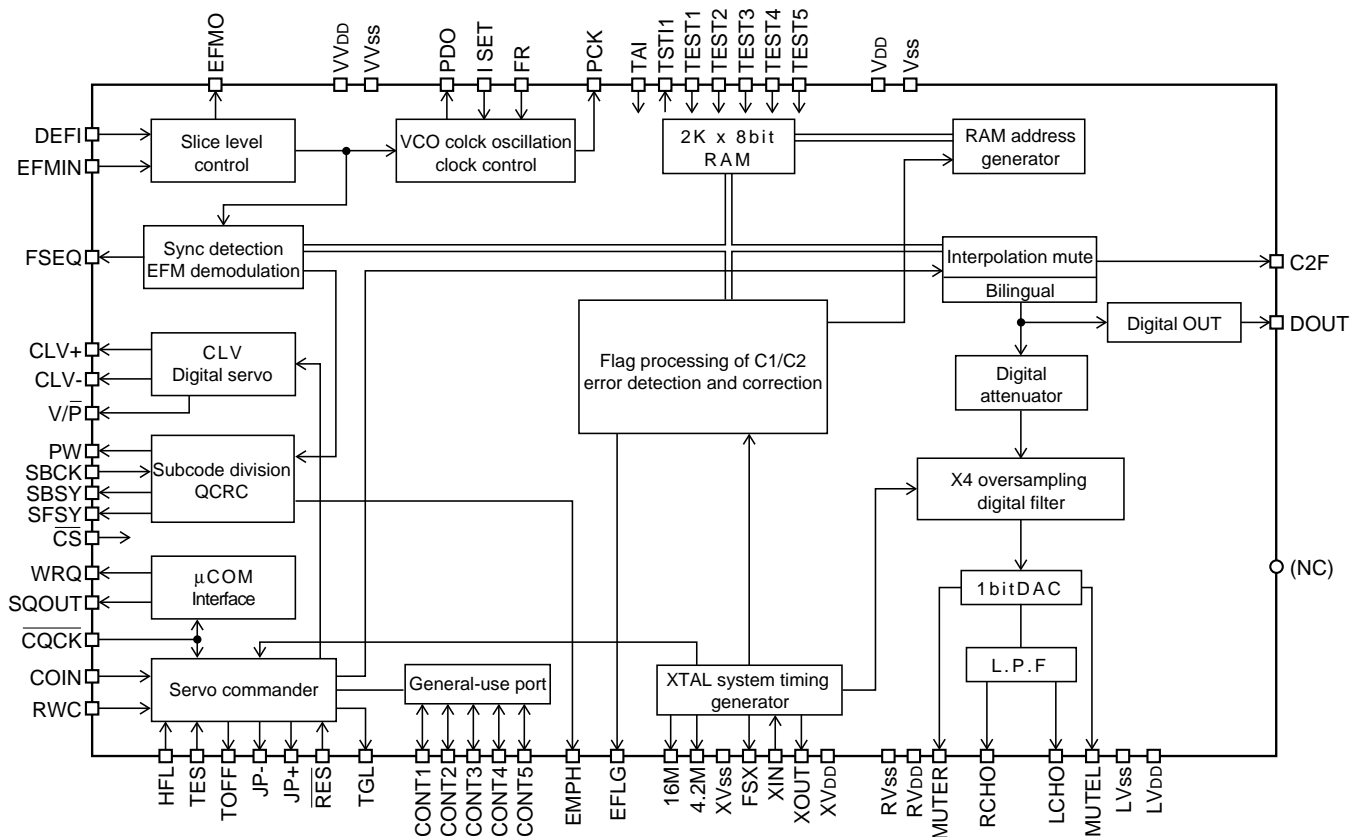


Figure 60 BLOCK DIAGRAM OF IC

IC1 VHiLA9241M/-1: Servo Amp. (LA9241M) (1/2)

Pin No.	Port Name	Function
1	FIN2	Connection pin for photodiode of pickup. RF signal is generated through addition with FIN pin, and FE signal is generated through subtraction.
2	FIN1	Connection pin for photodiode of pickup.
3	E	Connection pin for photodiode of pickup. TE signal is generated through subtraction with F pin.
4	F	Connection pin for photodiode of pickup.
5	TB	Pin for input of DC component of TE signal.
6	TE-	Pin to connect gain setting resistor of TE signal to TE signal.
7	TE	TE signal output pin.
8	TESI	TES (Track error sense) comparator input pin. TE signal is band-passed and input.
9	SCI	Input pin for shock detection.
10	TH	Pin to set time constant of tracking gain.
11*	TA	TA amplifier output pin.
12	TD-	Pin to compose tracking phase compensation constant between TD and VR pins.
13	TD	Pin to set tracking phase compensation.
14	JP	Pin to set amplitude of tracking jump signal (kick pulse).
15	TO	Tracking control signal output pin.
16	FD	Focusing control signal output pin.
17	FD-	Pin to compose focusing phase compensation constant between FD and FA pins.
18	FA	Pin to compose focusing phase compensation constant between FD-/FA-pins.
19	FA-	Pin to compose focusing phase compensation constant between FA and FE pins.
20	FE	Output pin of FE signal.
21	FE-	Pin to connect gain setting resistor of FE signal across TE pin.
22	AGND	GND for analog signal.
23	NC	No connect.
24	SPI	Spindle amplifier input.
25	SPG	Pin to connect gain setting resistor in the 12cm mode of spindle.
26	SP-	Pin to connect spindle phase compensation constant together with SPD pin.
27	SPD	Spindle control signal output pin.
28	SLEQ	Pin to connect thread phase compensation constant.
29	SLD	Thread control signal output pin.
30	SL-	Input pin of thread feed signal from micro computer.
31	SL+	Input pin of thread feed signal from micro computer.
32	JP-	Input pin of tracking jump signal from DSP.
33	JP+	Input pin of tracking jump signal from DSP.
34	TGL	Input pin of tracking gain control signal from DSP. TGL = Gain low at "H"
35	TOFF	Input pin of tracking off control signal from DSP. TOFF = Off at "H"
36	TES	Output pin of TES signal to DSP.
37	HFL	(HIGH FREQUENCY LEVEL) is used to judge whether main beam is positioned on the bit or on the mirror.
38	SLOF	Thread servo off control input pin.
39	CV-	Pin to input CLV error signal from DSP.
40	CV+	Pin to input CLV error signal from DSP.
41	RFSM	RF output pin.
42	RFS-	Pin to set gain of RF and set 3T compensation constant together with RFSM pin.
43	SLC	(SLICE LEVEL CONTROL) is the output pin to control of the level of the data slice with RF waveform DSP.
44	SLI	Input pin to control the level of data slice with DSP.
45	DGND	GND pin in the digital system.
46	FSC	Output pin for focus search smoothening capacitor.
47	TBC	(Tracking Balance Control) Pin to set EF balance variable range.
48*	NC	No connect.
49	DEF	Defect detection output pin of disk.
50	CLK	Reference clock input pin. 4.23MHz of DSP is input.

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

IC1 VHiLA9241M/-1: Servo Amp. (LA9241M) (2/2)

Pin No.	Port Name	Function
51	CL	Micro computer command clock input pin.
52	DAT	Micro computer command data input pin.
53	CE	Micro computer command chip enable input pin.
54	DRF	(DETECT RF) RF level detection output.
55	FSS	(Focus Serch Select) Pin to switch focus search mode. (\pm search/+ search for reference voltage)
56	VCC2	VCC pin for servo system and digital system.
57	REFI	Pin to connect pass control for reference voltage.
58	VR	Reference voltage output pin.
59	LF2	Pin to set defect detection time constant of disk.
60	PH1	Pin to connect capacitor for peak hold of RF signal.
61	BH1	Pin to connect capacitor for bottom hold of RF signal.
62	LDD	APC circuit output pin.
63	LDS	APC circuit output pin.
64	VCC1	RF system VCC pin.

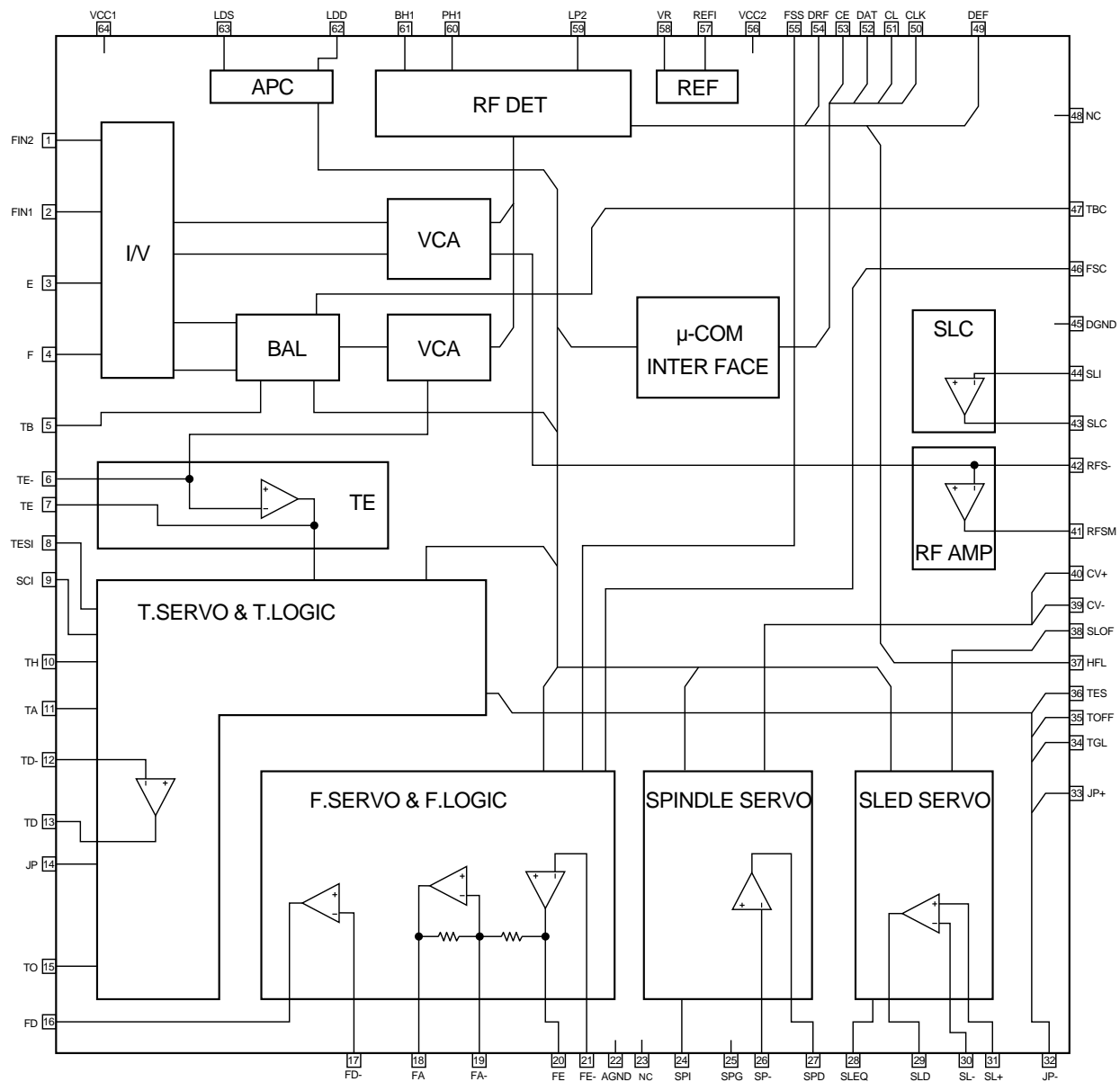


Figure 62 BLOCK DIAGRAM OF IC

ICQ1 VHiQS777PF-1: Q-Sound Decoder (QS777PF)

Pin No.	Terminal Name	Input/Output	Function
1	VREFOUT	Output	Buffered reference voltage output (VANA/2)
2	VREFIN	Input	Reference voltage input (Biased to VANA/2 internally)
3	MSC3	Input	Capactor
4	MSC2	Input	Capactor
5	MSC1	Input	Capactor
6	GND	—	Ground
7	PSAVE	Input	Power save control (H: power save on, L: power save off)
8	MUTE	Input	Output mute control (H: mute on, L: mute off)
9	SPREAD	Input	Enhancement control (H: spread maximum, L: mute off)
10	AC	Input	Center speaker control (H: actual center, L: virtual center)
11	AR	Input	Rear speaker control (H: actual rear, L: virtual rear)
12	MO	Input	Monaural to virtual stereo control (H: on, L: off)
13	BYP	Input	Bypass control (H: Bypass On, L: Qsurround process On)
14	P/S	Input	Interface mode control (H: parallel I/O, L: serial I/O)
15	VDIG	—	Digital power supply
16	RROUT	Output	Rear right speaker signal out
17	RLOUT	Output	Rear left speaker signal out
18	COUT	Output	Center speaker signal out
19	FROUT	Output	Front right speaker out
20	FLOUT	Output	Front left speaker output
21	QXAC1	Input	Capactor
22	QXAC2	Input	Capactor
23	QXAC3	Input	Capactor
24	QXAC4	Input	Capactor
25	QXAC5	Input	Capactor
26	QXBC1	Input	Capactor
27	QXBC2	Input	Capactor
28	QXBC3	Input	Capactor
29	QXBC4	Input	Capactor
30	QXBC5	Input	Capactor
31	VANA	—	Analog power supply
32	QXCC1	Input	Capactor
33	QXCC2	Input	Capactor
34	QXCC3	Input	Capactor
35	QXCC4	Input	Capactor
36	QXDC1	Input	Capactor
37	QXDC2	Input	Capactor
38	QXDC3	Input	Capactor
39	QXDC4	Input	Capactor
40	FLIN	Input	Front left signal input
41	FRIN	Input	Front right signal input
42	CIN	Input	Center signal input
43*	SUBIN	Input	Sub Woofer signal input
44	RLIN	Input	Rear left signal input
45	RRIN	Input	Rear right signal input
46	MSC4	Input	Capactor
47	MSC5	Input	Capactor
48	MSC6	Input	Capactor

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

ICF1 RH-iX0233AWZZ: System Microcomputer (IX0233AW)

Pin No.	Port Name	Input/Output	Function
1-2	P00-P01	Input/Output	8-Bit input/output port. Input/output can be specified in 4-bit units HOLD release input. Port 0 interrupt input
3-10	P10-P17	Input/Output	8-Bit input/output port. Input/output can be specified in 1-bit units Dual-purpose function P10: SIO0 data output P11: SIO0 data input input/bus input/output P12: SIO0 clock input/output P13: SIO1 data output P14: SIO1 data input input/bus input/output P15: SIO1 clock input/output P16: BUZ output P17: Timer 1 output (PWM output)
11	P70	Input/Output	6-Bit input port. Dual-purpose function P70: INT0 input/HOLD release input/Nch-Tr. Output for watchdog timer
12	$\overline{\text{RES}}$	Input	Reset terminal
13	XT1/ $\overline{\text{P74}}$	Input	Input terminal for 32.768 KHz crystal oscillator Connected to VDD when not used Dual-purpose function General-purpose input port $\overline{\text{P74}}$
14	XT2/P75	Output	Output terminal for 32.768 KHz crystal oscillator Open when not use Dual-purpose function General-purpose input port P75
15	VSS1	—	Negative power terminal
16	CF1	Input	Input terminal for ceramic oscillator
17	CF2	Output	Output terminal for ceramic oscillator
18	VDD1	—	Positive power terminal
19-26	P80-P87	Input	8-Bit input port. Dual-purpose function AD input port (8 pcs.)
27-29	P71-73	Input	6-Bit input port. Dual-purpose function P71: INT1 input/HOLD release input P72: INT2 input/timer 0 event input P73: INT3 input (input with noise filter)/ timer 0 event input
30-37	S0/PA0- S7/PA7	Input/Output	Segment output terminal for LCD display Usable as general-purpose input/output port (PA)
38-45	S8/PB0- S15/PB7	Input/Output	Segment output terminal for LCD display Usable as general-purpose input/output port (PB)
46-53 (53)*	S16/PC0- S23/PC7	Input/Output	Segment output terminal for LCD display Usable as general-purpose input/output port (PC)
54-55	S24/PD0- S25/PD1	Input/Output	Segment output terminal for LCD display Usable as general-purpose input/output port (PD)
56	VDD2	—	Positive power terminal
57	VSS2	—	Negative power terminal
58-63	S26/PD2- S31/PD7	Input/Output	Segment output terminal for LCD display Usable as general-purpose input/output port (PD)
64-71	S32/PE0- S39/PE7	Input/Output	Segment output terminal for LCD display Usable as general-purpose input/output port (PE)
72-79 (72)*	S40/PF0- S47/PF7	Input/Output	Segment output terminal for LCD display Usable as general-purpose input/output port (PF)
80-82	V1/PL4- V3/PL6	Input	Bias power terminal for LCD drive Usable as general-purpose input/output port (PL)
83-86	COM0/PL0- COM3/PL3	Input/Output	Common output terminal for LCD display Usable as general-purpose input/output port (PL)
87-88	P30-P31	Input/Output	6-Bit input/output port. Input/output can be specified in 1-bit units
89	VSS3	—	Negative power terminal
90	VDD3	—	Positive power terminal
91-94	P32-P35	Input/Output	6-Bit input/output port. Input/output can be specified in 1-bit units
95-100	P02-P07	Input/Output	8-Bit input/output port. Input/output can be specified in 4-bit units HOLD release input. Port 0 interrupt input

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

ICD1 RH-iX0234AWZZ: System Microcomputer (IX0234AW) (1/2)

Pin No.	Port Name	Input/Output	Function
1-2 (2)*	P16-P17	Input/Output	8-Bit input/output port. Input/output can be specified in 1-bit units Dual-purpose function P16: BUZ output P17: Timer 1 output (PWM output)
3-10 (5~7)*	P30-37	Input/Output	8-Bit input/output port. Input/output can be specified in 1-bit units Dual-purpose function Nchannel open output: 15V withstand rating
11	P70	Input/Output	4-Bit input/output port. Input/output can be specified in 1-bit units. 2-Bit input port. Dual-purpose functio P70: INT0 input/HOLD release input/Nch-Tr. Output for watchdog timer
12	RES	Input	Reset terminal
13	XT1/P74	Input	Input terminal for 32.768 KHz crystal oscillator Connected to VDD when not used Dual-purrrpose function General-purpose input port P74
14	XT2/P75	Output	Output terminal for 32.768 KHz crystal oscillator Dual-purrrpose function General-purpose input port P75 When not use. (Oscillation specification) Open. (Port specification) Connect to VDD1.
15	VSS1	—	Negative power terninal
16	CF1	Input	Input terminal for ceramic oscillator
17	CF2	Output	Output terminal for ceramic oscillator
18	VDD1	—	Positive power terninal
19-22	P80-P83	Input	4-Bit input/output port. Input/output can be specified in 1-bit units. 4-Bit input port. Dual-purrrpose function AD input port (8 pcs.)
23-27	P84-P87	Input	4-Bit input/output port. Input/output can be specified in 1-bit units. 4-Bit input port. Dual-purrrpose function AD input port (8 pcs.)
27-29	P71-73	Input	4-Bit input/output port. Input/output can be specified in 1-bit units. 4-Bit input port. Dual-purrrpose function P71: INT1 input/HOLD release input P72: INT2 input/timer 0 event input P73: INT3 input (input with noise filter)/ timer 0 event input
30-36	S0/T0-S6/T6	Output	Fluorescent charcater display tube (VFD)display controller Segment/timing shared output
37-45	S7/T7-S15/T15	Input/OUtput	Fluorescent charcater display tube (VFD)display controller Segment/timing shared output Pull-down resistance built-in output
46	VDD3	—	Positive power terninal
47-50	S16-S20	Input/Output	Fluorescent charcater display tube (VFD)display controller Segment output Dual-purrrpose function S16: High voltage withstand input port PC0 S17: High voltage withstand input port PC1 S18: High voltage withstand input port PC2 S19: High voltage withstand input port PC3 S20: High voltage withstand input port PC4
51	VP	—	Negative power terminal (Independent power supply only for fluorescent character display tube drive output) (Power supply for pull-downen resistores)
52-63	S21-S31	Input/Output	Fluorescent charcater display tube (VFD)display controller Segment output Dual-purrrpose function S21: High voltage withstand input port PC5 S22: High voltage withstand input port PC6 S23: High voltage withstand input port PC7 S24: High voltage withstand input port PD0 S25: High voltage withstand input port PD1 S26: High voltage withstand input port PD2 S27: High voltage withstand input port PD3 S28: High voltage withstand input port PD4 S29: High voltage withstand input port PD5 S30: High voltage withstand input port PD6 S31: High voltage withstand input port PD7

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

ICD1 RH-iX0234AWZZ: System Microcomputer (IX0234AW) (2/2)

Pin No.	Port Name	Input/Output	Function
64-71	S32-S39	Input/Output	Fluorescent charcater display tube (VFD)display controller Segment output Dual-purrpose function S32: High voltage withstand input port PE0 S33: High voltage withstand input port PE1 S34: High voltage withstand input port PE2 S35: High voltage withstand input port PE3 S36: High voltage withstand input port PE4 S37: High voltage withstand input port PE5 S38: High voltage withstand input port PE6 S39: High voltage withstand input port PE7
72	VDD4	—	Positive power terninal
73-80 (76~78)*	S40-S47	Input/Output	Fluorescent charcater display tube (VFD)display controller Segment output Dual-purrpose function S40: High voltage withstand input port PF0 S41: High voltage withstand input port PF1 S42: High voltage withstand input port PF2 S43: High voltage withstand input port PF3 S44: High voltage withstand input port PF4 S45: High voltage withstand input port PF5 S46: High voltage withstand input port PF6 S47: High voltage withstand input port PF7
81-84	S48-S51	Input/Output	Fluorescent charcater display tube (VFD)display controller Segment output Dual-purrpose function S48: High voltage withstand input port PG0 S49: High voltage withstand input port PG1 S50: High voltage withstand input port PG2 S51: High voltage withstand input port PG3
85-88	P00-P03	Input/Output	8-Bit input/output port. Input/output can be specified in 4-bit units. HOLD release input. Port 0 interrupt input N channel open output: 15V withstand rating
89	VSS2	—	Negative power terninal
90	VDD2	—	Positive power terninal
91-94	P04-P07	Input/Output	8-Bit input/output port. Input/output can be specified in 4-bit units. HOLD release input. Port 0 interrupt input N channel open output: 15V withstand rating
95-100 (98~100)*	P10-P17	Input/Output	8-Bit input/output port. Input/output can be specified in 1-bit units Dual-purpose function P10: SIO0 data output P11: SIO0 data input input/bus input/output P12: SIO0 clock input/output P13: SIO1 data output P14: SIO1 data input input/bus input/output P15: SIO1 clock input/output P16: BUZ output P17: Timer 1 output (PWM output)

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

ICA18 VHiZR38600/-1: DOLBY AC-3/5.1CH MPEG2 AUDIO DECORDER (ZR38600) (1/2)

Pin No.	Terminal Name	Input/Output	Function
1*	A0	Output	Address bus. The address bus is always active.
2	GND	—	Ground pin
3	SS_	Input	Serial host interfase: Slave select input (SPI)
4	TMS	Input	ICE interfase mode selection (TAG)
5	INT_	Input	External interrupt input. The interrupt signal is valid when it is asserted for 2XTI cycles or longer.
6	VCC	—	Used to connect a power supply of +3.3V \pm 5%
7*	D14/RDY	Input/Output	Data bus
8	GND	—	Ground pin
9*	A1	Output	Address bus. The address bus is always active.
10*	A2	Output	Address bus. The address bus is always active.
11*	A3	Output	Address bus. The address bus is always active.
12	VCC	—	Used to connect a power supply of +3.3V \pm 5%
13*	D13/C/D_	Input/Output	Data bus
14*	GPIO5	Input/Output	General-purpose I/O pin
15*	D12/ERR	Input/Output	Data bus
16*	A4	Output	Address bus. The address bus is always active.
17	VCC	—	Used to connect a power supply of +3.3V \pm 5%
18*	GPIO4	Input/Output	General-purpose I/O pin
19	GND	—	Ground pin
20*	A5	Output	Address bus. The address bus is always active.
21*	A6	Output	Address bus. The address bus is always active.
22*	D11/PP7	Input/Output	Data bus
23*	GPIO3	Input/Output	General-purpose I/O pin
24*	A7	Output	Address bus. The address bus is always active.
25*	A8	Output	Address bus. The address bus is always active.
26*	D10/PP6	Input/Output	Data bus
27*	A9	Output	Address bus. The address bus is always active.
28*	A10	Output	Address bus. The address bus is always active.
29	GND	—	Ground pin
30	VCC	—	Used to connect a power supply of +3.3V \pm 5%
31*	A11	Output	Address bus. The address bus is always active.
32*	D9/PP5	Input/Output	Data bus
33*	D8/PP4	Input/Output	Data bus
34	SO	Output	Serial host interfase: Serialdata output (SPI)
35	VCC	—	Used to connect a power supply of +3.3V \pm 5%
36	GND	—	Ground pin
37	GND	—	Ground pin
38*	A12	Output	Address bus. The address bus is always active.
39*	TDO	Output	ICE interfase data output (JAG)
40*	A13	Output	Address bus. The address bus is always active.
41*	D7/PP3	Input/Output	Data bus
42*	D6/PP2	Input/Output	Data bus
43*	A14	Output	Address bus. The address bus is always active.
44	GND	—	Ground pin
45	VCC	—	Used to connect a power supply of +3.3V \pm 5%
46*	A15	Output	Address bus. The address bus is always active.
47*	D5/PP1	Input/Output	Data bus
48	D4/PP0	Input/Output	Data bus
49*	A16	Output	Address bus. The address bus is always active.
50*	RD_	Input/Output	Read strobe
51*	WR_	Input/Output	Write strobe
52*	CS_	Input/Output	Chip select
53	GND	—	Ground pin

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

ICA18 VHiZR38600/-1: DOLBY AC-3/5.1CH MPEG2 AUDIO DECORDER (ZR38600) (2/2)

Pin No.	Terminal Name	Input/Output	Function
54	SDD	Output	Data output for serial ports B, C and D
55	VCC	—	Used to connect a power supply of +3.3V $\pm 5\%$
56*	GPIO2	Input/Output	General-purpose I/O pin
57*	GPIO1	Input/Output	General-purpose I/O pin
58*	GPIO0	Input/Output	General-purpose I/O pin
59	VCC	—	Used to connect a power supply of +3.3V $\pm 5\%$
60	GND	—	Ground pin
61	SPFRX	Input	Digital audio interface input terminal
62	P/M	Input	Parallel port/memory port mode setting pin
63*	XTO	Output	Crystal oscillator input/output terminal
64	XTI	Input	Crystal oscillator input/output terminal
65	GND	—	Ground pin
66	SCKIN	Input/Output	Group B serial port clock input/output.
67	VCC	—	Used to connect a power supply of +3.3V $\pm 5\%$
68	GND	—	Ground pin
69	FLTCAP	Input	Internal PLL circuit terminal for connecting a capacitor
70	VCCA	—	Used to connect a power supply of +3.3V $\pm 5\%$
71	GND	—	Ground pin
72*	CLKOUT	Output	
73*	D19	Input/Output	Data bus
74*	D18	Input/Output	Data bus
75*	A17	Output	Address bus. The address bus is always active.
76*	A18	Output	Address bus. The address bus is always active.
77*	A19	Output	Address bus. The address bus is always active.
78	GND	—	Ground pin
79	SDC	Output	Data output for serial ports B, C and D
80	SDB	Output	Data output for serial ports B, C and D
81	VCC	—	Used to connect a power supply of +3.3V $\pm 5\%$
82	RESET	Input	Reset input. Resetting is executed from the specified status and address by the reset signal.
83	SDA	Input	Data input for serial ports A, E and F
84	VCC	—	Used to connect a power supply of +3.3V $\pm 5\%$
85	SDE	Input	Data input for serial ports A, E and F
86	TCK	Input	ICE interface clock (JTAG)
87	SCK	Input	Serial host interfase: Clockinput (SPI)
88	TDI	Input	ICE interfase data input (JTAG)
89	SI	Input	Serial host interfase: Serialdata input (SPI)
90	GND	—	Ground pin
91	SCKA	Input/Output	Group A serial port clock input /output
92	WSA/FSA	Input/Output	Group A serial port (for input) word selection or frame synchronous input/output
93	VCC	—	Used to connect a power supply of +3.3V $\pm 5\%$
94	SDF	Input	Data input for serial ports A, E and F
95	WSB	Input/Output	Word selection input/output for the group B serialport
96*	D17	Input/Output	Data bus
97	SCKB	Input/Output	Grop B serial port clock input/output
98*	D16	Input/Output	Data bus
99	SPFTX/SDG	Output	Serial port G data output digital audio interface output terminal
100*	D15	Input/Output	Data bus

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

ICA18 VHiZR38600/-1: DOLBY AC-3/5.1CH MPEG2 AUDIO DECODER (ZR38600)

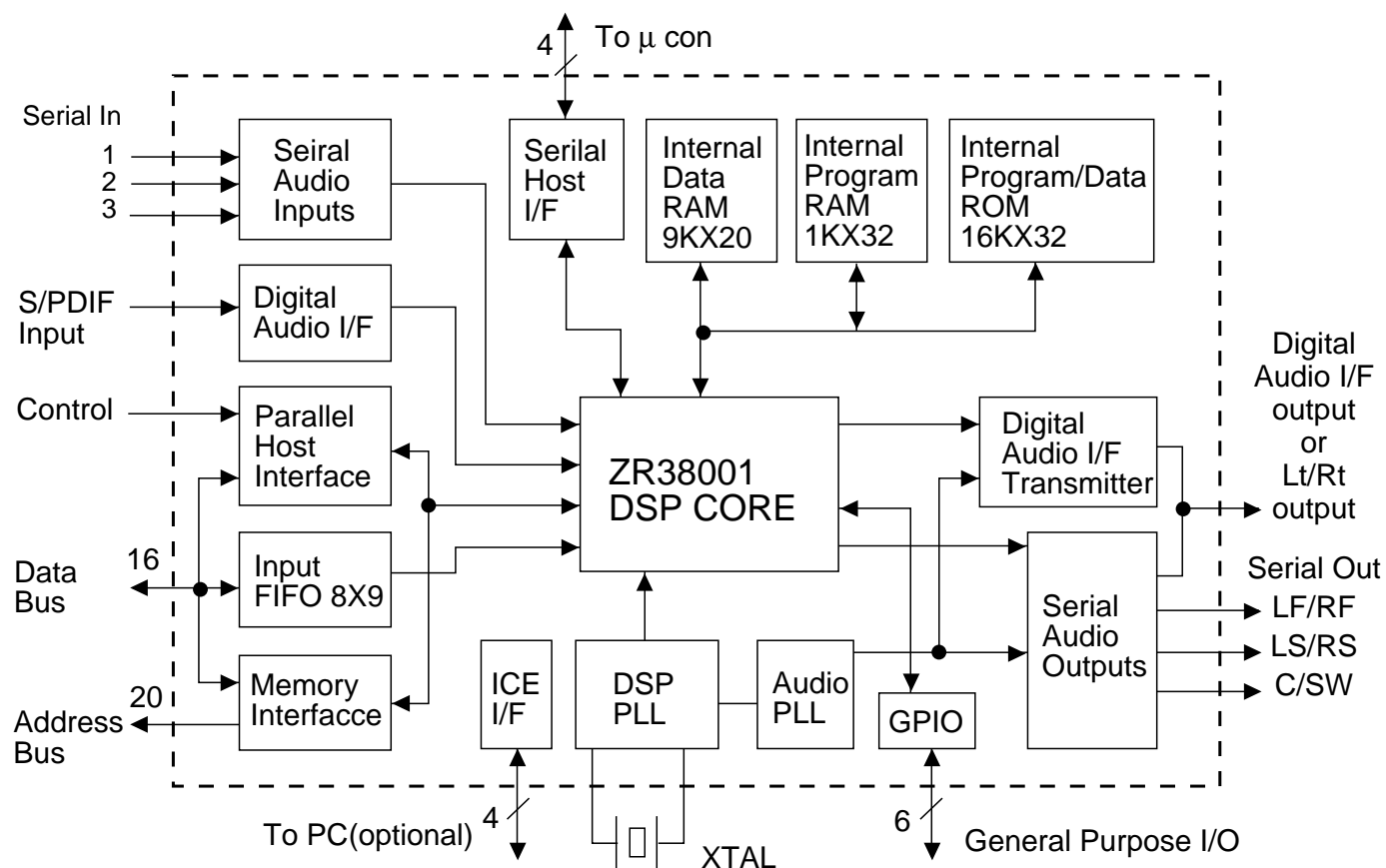
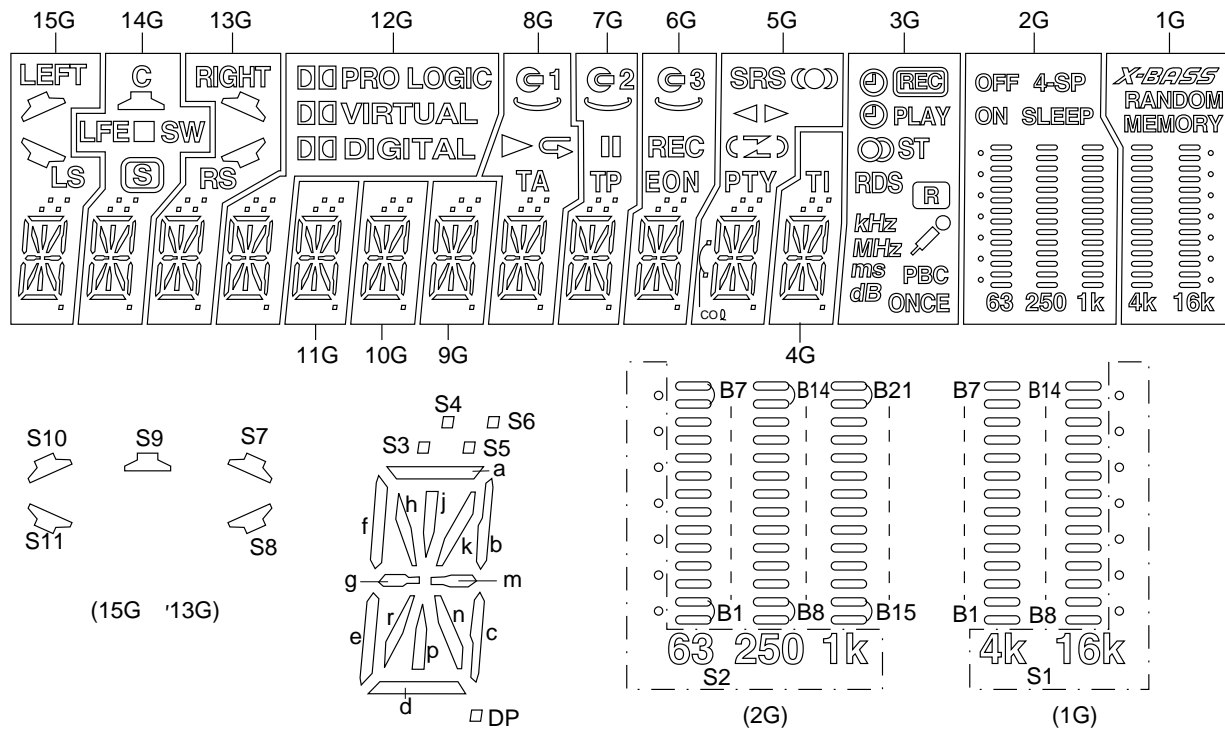


Figure 69 BLOCK DIAGRAM OF IC

CD-C492/492C

FLD1 : VVKBJ613GK/-1 FL Display



	15G	14G	13G	12G	11G	10G	9G	8G	7G	6G	5G	4G	3G	2G	1G	
P1	LEFT	C	RIGHT	DOLBY DIGITAL	—	—	—	G1	G2	G3	SRS	CODE	—	Ⓜ REC	OFF	X-BASS
P2	LS	LFE	RS	DOLBY DIGITAL	—	—	—	⌋	⌋	⌋	◀	—	Ⓜ PLAY	4-SP	RANDOM	
P3	—	□ SW	—	DOLBY DIGITAL	—	—	—	▶	II	REC	▶	—	Ⓜ	ON	MEMORY	
P4	—	Ⓜ	—	—	—	—	—	↶	—	—	⌋	—	ST	SLEEP	—	
P5	S10	S9	S7	—	—	—	—	—	—	—	Σ	—	—	—	—	
P6	S11	—	S8	—	—	—	—	—	—	—	⌋	—	—	B7	B7	
P7	—	—	—	—	—	—	—	TA	TP	EON	PTY	TI	RDS	B14	B14	
P8	S6	S6	S6	S6	S6	S6	S6	S6	S6	S6	S6	S6	Ⓜ R	B21	—	
P9	S4	S4	S4	S4	S4	S4	S4	S4	S4	S4	S4	S4	kHz	B6	B6	
P10	S5	S5	S5	S5	S5	S5	S5	S5	S5	S5	S5	S5	MHz	B13	B13	
P11	S3	S3	S3	S3	S3	S3	S3	S3	S3	S3	S3	S3	🔍	B20	—	
P12	a	a	a	a	a	a	a	a	a	a	a	a	ms	B5	B5	
P13	h	h	h	h	h	h	h	h	h	h	h	h	PBC	B12	B12	
P14	j	j	j	j	j	j	j	j	j	j	j	j	dB	B19	—	
P15	k	k	k	k	k	k	k	k	k	k	k	k	ONCE	B4	B4	
P16	b	b	b	b	b	b	b	b	b	b	b	b	—	B11	B11	
P17	f	f	f	f	f	f	f	f	f	f	f	f	—	B18	—	
P18	m	m	m	m	m	m	m	m	m	m	m	m	—	B3B	B3	
P19	g	g	g	g	g	g	g	g	g	g	g	g	—	B10	B10	
P20	c	c	c	c	c	c	c	c	c	c	c	c	—	B17	—	
P21	e	e	e	e	e	e	e	e	e	e	e	e	—	B2	B2	
P22	r	r	r	r	r	r	r	r	r	r	r	r	—	B9	B9	
P23	p	p	p	p	p	p	p	p	p	p	p	p	—	B16	—	
P24	n	n	n	n	n	n	n	n	n	n	n	n	—	B1	B1	
P25	d	d	d	d	d	d	d	d	d	d	d	d	—	B8	B8	
P26	DP	DP	DP	DP	DP	DP	DP	DP	DP	DP	DP	DP	—	B15	—	
P27	—	—	—	—	—	—	—	—	—	—	COL	—	—	S2	S1	

PIN No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
CONNECTION	F1	F1	NP	NP	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	P21	P22	P23	P24	P25

PIN No.	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57
CONNECTION	P26	P27	NC	NC	NC	NC	NC	NC	NC	1G	2G	3G	4G	5G	6G	7G	8G	9G	10G	11G	12G	13G	14G	15G	NP	NP	F2	F2

Figure 70 FL DISPLAY

SHARP PARTS GUIDE

CD-C492 MODEL CD-C492C

CP-C492, CP-SW492, CENTER(GBOXS0010AWM1)
and SURROUND(GBOXS0011AWM1) speaker system
Constitute CD-C492/CD-C492C.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following information.

- | | |
|-----------------|----------------|
| 1. MODEL NUMBER | 2. REF. No. |
| 3. PART NO. | 4. DESCRIPTION |

★ MARK: SPARE PARTS-DELIVERY SECTION

For U.S.A. only

Contact your nearest SHARP Parts Distributor to order.

For location of SHARP Parts Distributor,
Please call Toll-Free;
1-800-BE-SHARP

Explanation of capacitors/resistors parts codes

Capacitors

VCC Ceramic type
VCK Ceramic type
VCT Semiconductor type
VC •• MF Cylindrical type (without lead wire)
VC •• MN Cylindrical type (without lead wire)
VC •• TV Square type (without lead wire)
VC •• TQ Square type (without lead wire)
VC •• CY Square type (without lead wire)
VC •• CZ Square type (without lead wire)
VC J .. The 13th character represents capacity difference.
("J" ±5%, "K" ±10%, "M" ±20%, "N" ±30%,
"C" ±0.25 pF, "D" ±0.5 pF, "Z" +80-20%.)

If there are no indications for the electrolytic capacitors, error is ±20%.

Resistors

VRD Carbon-film type
VRS Carbon-film type
VRN Metal-film type
VR •• MF Cylindrical type (without lead wire)
VR •• MN Cylindrical type (without lead wire)
VR •• TV Square type (without lead wire)
VR •• TQ Square type (without lead wire)
VR •• CY Square type (without lead wire)
VR •• CZ Square type (without lead wire)
VR J .. The 13th character represents error.
("J" ±5%, "F" ±1%, "D" ±0.5%.)

If there are no indications for other parts, the resistors are ±5% carbon-film type.

NOTE:

Parts marked with "△" are important for maintaining the safety of the set.
Be sure to replace parts with specified ones for maintaining the safety and performance of the set.

CD-C492/492C

NO.	PART CODE	★ PRICE RANK	DESCRIPTION
CD-C492/492C			
INTEGRATED CIRCUITS			
IC1	VHILA9241M/-1	J AS	Servo Amp.,LA9241M
IC2	VHILC78622K-1	J AY	Servo/Signal Control,LC78622K
IC3	VHIM56748FP-1	J AR	Focus/Tracking/Spin/Slide Driver,M56748FP
IC81	VHITA7291S/-1	J AH	Loading Motor Driver, TA7291S
IC301	VHITA7358AP-1	J AG	FM Front End,TA7358AP
IC302	VHILC72131/-1	J AP	PLL (Tuner) LC72131
IC303	VHILA1805/-1	J AM	FM/AF IF MPX.,LA1805
ICA11,12	VHINJM4580M-1	J AE	Ope Amp.,NJM4580M
ICA13	VHIAK4520A/-1	J AU	20bit 2ch A/D D/A Converter, AK4580M
ICA14	VHPGP1F38R/-1	J AM	Terminal,Digital Input,GP1F38R
ICA15	VHI74HCU04F-1	J AE	Inverter,74HCU04F
ICA16	VHI74HC153F-1	J AH	Selector,74HC153F
ICA17	VHITC7WU04U-1	J AG	Dual2-Input Nand Gate, TC7WU04U
ICA18	VHIZR38600/-1	J BK	Dolby AC-3/5.1ch MPEG2 Audio Decoder,RZ38600
ICA19,20	VHIAK4321/-1	J AQ	20bit 2ch D/A Converter,AK4321
ICA21	VHINJM4580M-1	J AE	Ope Amp.,NJM4580M
ICA22	VHIBU4066BCF1	J AD	Mic/AUX Input Selector, BU4066BCF
ICB1	VHINJM4580M-1	J AE	Ope Amp.,NJM4580M
ICD1	RH-IX0234AWZZ	J AT	System Microcomputer, IX0234AW
ICF1	RH-IX0233AWZZ	J AZ	System Control Microcomputer, IX0233AW
ICH11	VHINJM4558M-1	J AC	Motor Driver,NJM4558M
ICH51	VHINJM2246M-1	J AF	OPE Amp.+ SW,NJM2246M
ICK1	VHIAN7345K/-1	J AM	Playback and Record/ Playback Amp.,AN7345K
ICP11	VHINJM4565M-1	J AC	Buffer Amp.,NJM4565M
ICQ1	VHIQS7777PF-1	J BC	Q-Sound Decoder,QS7777PF
ICR11	VHPGP1F38T/-1	J AL	Photo Digital Output /LED, GP1F38T
ICV1	VHISTK40725-1	J BD	3ch AF Power Amp.,STK40725
ICX1	VHISTK40725-1	J BD	3ch AF Power Amp.,STK40725
ICZ1	VHILC7522/-1	J AR	Graphic Equalizer Electric Volume,LC7522
ICZ2~7	VHINJM4565M-1	J AC	Buffer Amp.,NJM4565M
ICZ8	VHITC4052BF-1	J AK	Dual 4ch Analog Multiplexer, TC4052BF
ICZ9	VHINJM4565M-1	J AC	Buffer Amp.,NJM4565M
ICZ10	VHIM62446FP-1	J AY	6ch Electronic Volume, M62446FP

TRANSISTORS

Q1	VSKTA1266GR-1	J AB	Silicon,PNP,KTA1266 GR
Q51	VSKRC107M/-1	J AC	Digital,NPN,KRC107 M
Q52	VSKTC3203Y/-1	J AC	Silicon,NPN,KTC3203 Y
Q91	VSKTA1271Y/-1	J AC	Silicon,PNP,KTA1271 Y
Q93	VSKRC102M/-1	J AC	Digital,NPN,KRC102 M
Q302	VS2SC535-C/-1	J AC	Silicon,NPN,2SC535 C
Q342	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
Q343	VSKRA109M/-1	J AC	Digital,PNP,KRA109 M
Q344	VSKTA1266GR-1	J AB	Silicon,PNP,KTA1266 GR
Q901	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
Q902	VS2SD2012/-1	J AD	Silicon,NPN,2SD2012
Q903	VS2SD468-C/-1	J AD	Silicon,NPN,2SD468 C
Q904	VSKRA107M/-1	J AE	Digital,PNP,KRA107 M
Q905	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
Q906	VS2SD2012/-1	J AD	Silicon,NPN,2SD2012
Q907	VSKRA102M/-1	J AC	Digital,PNP,KRA102 M
Q908	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
Q909	VS2SD2012/-1	J AD	Silicon,NPN,2SD2012
Q910	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
Q911	VS2SD2012/-1	J AD	Silicon,NPN,2SD2012
Q913	VS2SB1375/-1	J AF	Silicon,PNP,2SB1375
Q914	VSKRC107M/-1	J AC	Digital,NPN,KRC107 M
Q951	VSKTA1266GR-1	J AB	Silicon,PNP,KTA1266 GR
QA1	VSKRC107S/-1	J AB	Digital,NPN,KRC107 S
QA2	VSKRA107S/-1	J AB	Digital,PNP,KRA107 S
QA3	VSKRC107S/-1	J AB	Digital,NPN,KRC107 S
QB1	VS2SD468-C/-1	J AD	Silicon,NPN,2SD468 C
QD1~8	VSKRC107M/-1	J AC	Digital,NPN,KRC107 M
QD10~12	VSKRC107M/-1	J AC	Digital,NPN,KRC107 M

NO.	PARTS CODE	★ PRICE RANK	DESCRIPTION
QG1	VSKRC102M/-1	J AC	Digital,NPN,KRC102 M
QG2,3	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
QG92	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
QH51	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
QH52,53	VSKRC102S/-1	J AB	Digital,NPN,KRC102 S
QK3~6	VS2SC1845F/-1	J AC	Silicon,NPN,2SC1845 F
QK7,8	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
QK9	VSKTA1266GR-1	J AB	Silicon,PNP,KTA1266 GR
QK10,11	VSKRC104M/-1	J AC	Digital,NPN,KRC104 M
QK15,16	VSKRC104M/-1	J AC	Digital,NPN,KRC104 M
QK17,18	VS2SC2878A/-1	J AE	Silicon,NPN,2SC2878 A
QK19	VSKRC104M/-1	J AC	Digital,NPN,KRC104 M
QK21,22	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
QK24	VSKTA1266GR-1	J AB	Silicon,PNP,KTA1266 GR
QK26	VSKRC104M/-1	J AC	Digital,NPN,KRC104 M
QK28	VSKTC3203Y/-1	J AC	Silicon,NPN,KTC3203 Y
QL11,12	VSKTA1266GR-1	J AB	Silicon,PNP,KTA1266 GR
QL13	VSKRC104M/-1	J AC	Digital,NPN,KRC104 M
QL14	VSKTA1273Y/-1	J AE	Silicon,PNP,KTA1273 Y
QL15	VSKTA1271Y/-1	J AC	Silicon,PNP,KTA1271 Y
QL16	VSKRC107M/-1	J AC	Digital,NPN,KRC107 M
QL17~19	VSKRC104M/-1	J AC	Digital,NPN,KRC104 M
QP11~16	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
QP17	VSKRC107M/-1	J AC	Digital,NPN,KRC107 M
QP91	VS2SD468-C/-1	J AD	Silicon,NPN,2SD468 C
QR11~13	VSKRA107M/-1	J AE	Digital,PNP,KRA107 M
QV13,14	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
QV16	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
QV17	VSKTA1268GR-1	J AC	Silicon,PNP,KTA1268 GR
QV18,19	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
QV20	VSKTA1270Y/-1	J AD	Silicon,PNP,KTA1270 Y
QV21,22	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
QX13~16	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
QX17	VSKTA1268GR-1	J AC	Silicon,PNP,KTA1268 GR
QX18	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
QX20	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
QY11,12	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
QY51,52	VSKTC3199GR-1	J AB	Silicon,NPN,KTC3199 GR
QZ1	VSKTA1271Y/-1	J AC	Silicon,PNP,KTA1271 Y
QZ2	VSKTC3203Y/-1	J AC	Silicon,NPN,KTC3203 Y
QZ3,4	VSKRC107M/-1	J AC	Digital,NPN,KRC107 M

DIODES

D1	VHD1SS133/-1	J AA	Silicon,1SS133
D2~4	VHD1N4004S/-1	J AB	Silicon,1N4004S
D81,82	VHD1SS133/-1	J AA	Silicon,1SS133
D91	VHD1SS133/-1	J AA	Silicon,1SS133
D301~303	VHD1SS133/-1	J AA	Silicon,1SS133
D341,342	VHD1SS133/-1	J AA	Silicon,1SS133
D361,362	VHD1SS133/-1	J AA	Silicon,1SS133
D901	VHD1SS133/-1	J AA	Silicon,1SS133
D905,906	VHD1SS133/-1	J AA	Silicon,1SS133
△D951~954	VHD1N4004S/-1	J AB	Silicon,1N4004S
△D991	VHDKBU1003/-1	J AM	Silicon,KBU1003
△D992~995	VHD2A02000/-1	J AD	Silicon,2A02
D996~999	VHD1N4004S/-1	J AB	Silicon,1N4004S
DA11~16	VHD1SS133/-V	J AC	Silicon,1SS133
DD1	VHD1N4004S/-1	J AB	Silicon,1N4004S
DD2	VHD1SS133/-1	J AA	Silicon,1SS133
DG2~5	VHD1SS133/-1	J AA	Silicon,1SS133
DH11~20	VHD1SS133/-1	J AA	Silicon,1SS133
DH51,52	VHD1SS133/-V	J AC	Silicon,1SS133
DL11,12	VHD1SS133/-1	J AA	Silicon,1SS133
DQ1,2	VHD1SS133/-1	J AA	Silicon,1SS133
DR11,12	VHD1SS133/-1	J AA	Silicon,1SS133
DV13~15	VHD1SS133/-1	J AA	Silicon,1SS133
DV17	VHD1SS133/-1	J AA	Silicon,1SS133
DV19~25	VHD1SS133/-1	J AA	Silicon,1SS133
DX13~17	VHD1SS133/-1	J AA	Silicon,1SS133
DX21	VHD1SS133/-1	J AA	Silicon,1SS133
DY11,12	VHD1SS133/-1	J AA	Silicon,1SS133
DY51,52	VHD1SS133/-1	J AA	Silicon,1SS133
DZ1,2	VHD1SS133/-1	J AA	Silicon,1SS133
LEDD1,2	VHPKL052UL/-1	J AF	LED,Yellow,KL052UL
LEDD3	VHPSLR505MC-1	J AE	LED,Green,SLR505MC-1
LEDD4	VHPKL052UL/-1	J AF	LED,Yellow,KL052UL
LEDD5,6	VHPSLR325MG-1	J AE	LED,Green,SLR325MG
LEDD7	VHPSLR325VR-1	J AE	LED,Red,SLR325VR
LEDD8,9	VHPSLR325MG-1	J AE	LED,Green,SLR325MG
LEDD10	VHPSLR325VR-1	J AE	LED,Red,SLR325VR
LEDD11,12	VHPSLR325MG-1	J AE	LED,Green,SLR325MG

NO.	PART CODE	★	PRICE RANK	DESCRIPTION	NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
LEDD13	VHPSLR325VR-1	J	AE	LED,Red,SLR325VR	C7	VCEAZA1HW104M	J	AB	0.1 μF,50V,Electrolytic
LEDD14,15	VHPSLR325MG-1	J	AE	LED,Green,SLR325MG	C8	VCTYPAC1X683K	J	AA	0.068 μF,16V
LEDD16,17	VHPSLR325VR-1	J	AE	LED,Red,SLR325VR	C9	VCTYPAC1X473K	J	AA	0.047 μF,16V
LEDD18,19	VHPSLR325MG-1	J	AE	LED,Green,SLR325MG	C10	VCKYMN1HB181K	J	AA	180 pF,50V
LEDD20	VHPKL052UL/-1	J	AF	LED,Yellow,KL052UL	C11,12	VCTYPAC1X104K	J	AB	0.1 μF,16V
LEDD21	VHPSLR505MC-1	J	AE	LED,Green,SLR505MC-1	C13	VCKYMN1HB331K	J	AA	330 pF,50V
LEDD23~28	VHPLMKD515B-1	J	AE	LED,Green,LMKD515B	C14	VCTYMN1CY103K	J	AA	0.01 μF,16V
VD301	VHCKV1236Z23F	J	AS	Variable Capacitance, KV1236Z23F	C15	VCTYMN1CY103N	J	AA	0.01 μF,16V
VD303,304	VHCKDV147B/-1	J	AH	Variable Capacitance, KDV147B	C16	VCTYMN1CX472K	J	AA	0.0047 μF,16V
ZD61	VHEMTZJ4R7B-1	J	AB	Zener,4.7V,MTZJ4.7B	C17	VCKYMN1HB102K	J	AA	0.001 μF,50V
ZD351	VHEMTZJ5R1B-1	J	AC	Zener,5.1V,MTZJ5.1B	C18	VCEAZA1HW474M	J	AB	0.47 μF,50V,Electrolytic
ZD901	VHEMTZJ130A-1	J	AC	Zener,13V,MTZJ13A	C19	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic
ZD902	VHEMTZJ5R6A-1	J	AC	Zener,5.6V,MTZJ5.6A	C20	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic
ZD903	VHEMTZJ130C-1	J	AB	Zener,13V,MTZJ13C	C21	VCTYMN1CX332K	J	AA	0.0033 μF,16V
ZD904	VHEMTZJ8R2C-1	J	AB	Zener,8.2V,MTZJ8.2C	C22	VCCSPA1HL221J	J	AA	220 pF,50V
ZD905	VHEMTZJ6R8C-1	J	AA	Zener,6.8V,MTZJ6.8C	C23	VCTYMN1CX272K	J	AA	0.0027 μF,16V
ZD951	VHEMTZJ330C-1	J	AB	Zener,33V,MTZJ33C	C24	VCCSMN1HL2R2C	J	AB	2.2 pF,50V
ZD952	VHEMTZJ6R8C-1	J	AA	Zener,6.8V,MTZJ6.8C	C25	VCCSMN1HL270J	J	AA	27 pF,50V
ZDA1,2	VHEMTZJ8R2A-V	J	AB	Zener,8.2V,MTZJ8.2A	C26	VCTYPAC1X333K	J	AA	0.033 μF,16V
ZDB11	VHEMTZJ3R9B-V	J	AC	Zener,3.9V,MTZJ3.9B	C27	VCKYMN1HB102K	J	AA	0.001 μF,50V
ZDF1	VHEMTZJ3R3A-1	J	AB	Zener,3.3V,MTZJ3.3A	C28	VCTYPAC1X104K	J	AB	0.1 μF,16V
ZDH51	VHEMTZJ9R1B-V	J	AB	Zener,9.1V,MTZJ9.1B	C29	VCEAZA1HW475M	J	AB	4.7 μF,50V,Electrolytic
ZDQ1	VHEMTZJ5R1B-1	J	AC	Zener,5.1V,MTZJ5.1B	C30	VCEAZA1HW104M	J	AB	0.1 μF,50V,Electrolytic
ZDR1	VHEMTZJ3R3B-1	J	AA	Zener,3.3V,MTZJ3.3B	C31	VCEAZA0JW227M	J	AC	220 μF,6.3V,Electrolytic
ZDV11	VHEMTZJ5R1B-1	J	AC	Zener,5.1V,MTZJ5.1B	C32	VCTYMN1CY103K	J	AA	0.01 μF,16V
ZDV12	VHEMTZJ6R2B-1	J	AC	Zener,6.2V,MTZJ6.2B	C33	VCEAZA1HW474M	J	AB	0.47 μF,50V,Electrolytic
ZDZ1,2	VHEMTZJ7R5C-1	J	AC	Zener,7.5V,MTZJ7.5C	C34	VCEAZA1HW334M	J	AB	0.33 μF,50V,Electrolytic
ZDZ3	VHEMTZJ5R1A-1	J	AB	Zener,5.1V,MTZJ5.1A	C35	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic
FILTERS					C36	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic
BF301	92LFILTF1759AT	J	AD	FM Band Pass Filter	C37	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CF301	RFILF0124AFZZ	J	AD	FM IF, 10.7 MHz	C38	VCTYMN1CY103N	J	AA	0.01 μF,16V
CF352	RFILA0008AWZZ	J	AE	AM IF	C39,40	VCKZPA1HF473Z	J	AA	0.047 μF,50V
TRANSFORMERS					C41	VCCCMN1HL120J	J	AB	12 pF,50V
T301	RCIL10007AWZZ	J	AD	FM IF	C42	VCCCMN1HL150J	J	AB	15 pF,50V
T302	RCILA1064AFZZ	J	AD	AM Antenna	C43	VCEAZA0JW337M	J	AC	330 μF,6.3V,Electrolytic
T304	RCILB1074AFZZ	J	AC	OSC,AM	C44~49	VCKYMN1HB101K	J	AA	100 pF,50V
T351	RCIL10011AWZZ	J	AD	AM IF	C50	VCTYMN1EF223Z	J	AA	0.022 μF,25V
T352	RCIL10312AFZZ	J	AC	FM Detector	C51,52	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic
△ T991	RTRNP0204AWZZ	J	BP	Power	C53	VCTYBT1EF223Z	J	AA	0.022 μF,25V
COILS					C54	VCKYMN1HB102K	J	AA	0.001 μF,50V
L61	VP-XHR82K0000	J	AC	0.82 μH,Choke	C56	VCKZPA1HF223Z	J	AA	0.022 μF,50V
L302	RCILR0029AWZZ	J	AA	FM RF	C57	VCKYPA1HB102K	J	AA	0.001 μF,50V
L303	RCILB0045AWZZ	J	AD	FM Oscillation	C81,82	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic
L343	VP-DH101K0000	J	AB	100 μH,Choke	C83	VCTYBT1EF223Z	J	AA	0.022 μF,25V
LA11~13	VP-XFR82K0000	J	AD	0.82 μH	C302	VCCCMN1HH180J	J	AA	18 pF (CH),50V
LA14	VP-XF100K0000	J	AB	10 μH,Choke	C303	VCTYMN1CY103K	J	AA	0.01 μF,16V
LA16~18	VP-XFR82K0000	J	AD	0.82 μH	C304	VCCSMN1HL4R7C	J	AA	4.7 pF,50V
LD1	VP-DH2R2M0000	J	AB	2.2 μH,Choke	C305	VCCCMN1HH150J	J	AA	15 pF (CH),50V
LG1	VP-DH2R2K0000	J	AB	2.2 μH,Peaking	C306	VCCSMN1HL330J	J	AA	33 pF,50V
LH51,52	VP-XF1R0K0000	J	AB	1 μH,Choke	C307,308	VCTYMN1CX472K	J	AA	0.0047 μF,16V
LH53	VP-XF101K0000	J	AB	100 μH,Choke	C309	VCCUMN1HJ6R8D	J	AB	6.8 pF (UJ),50V
LK1,2	VP-MK182K0000	J	AC	1.8 mmH,Choke	C310	VCKYMN1HB102K	J	AA	0.001 μF,50V
LK4	VP-MK331K0000	J	AB	330 μH,Choke	C311	VCTYMN1EF223Z	J	AA	0.022 μF,25V
LR1	VP-DH2R2K0000	J	AB	2.2 μH,Peaking	C312	VCKYMN1HB102K	J	AA	0.001 μF,50V
LV91	VP-XH2R2K0000	J	AB	2.2 μH,Choke	C313	VCTYMN1EF223Z	J	AA	0.022 μF,25V
VARIABLE RESISTOR					C314	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
VR351	RVR-M0025AWZZ	J	AC	6.8 kohms (B),Semi-VR [VCO]	C316	VCKYMN1HB101K	J	AA	100 pF,50V
VIBRATORS					C317	VCCUMN1HJ3R9K	J	AA	3.9 pF (UJ),50V
X352	RCRSP0002AWZZ	J	AH	Crystal,4.5 MHz	C318	VCCCMN1HH220J	J	AA	22 pF (CH),50V
XA11	RCRSP0008AWZZ	J	AH	Crystal 12.288 MHz	C319	VCTYMN1EF223Z	J	AA	0.022 μF,25V
XD1	RCRM-0031AWZZ	J	AE	Ceramic	C328,329	VCKYMN1HB102K	J	AA	0.001 μF,50V
XF1	RCRSP0003AWZZ	J	AH	Crystal	C330	VCCUMN1HJ8R2D	J	AA	8.2 pF (UJ),50V
XL1	RCRSP0005AWZZ	J	AF	Crystal,16.934 MHz	C331	VCKYPA1HF473Z	J	AB	0.047 μF,50V
CAPACITORS					C332,333	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C1	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic	C334	VCCUMN1HJ180J	J	AA	18 pF (UJ),50V
C2	VCTYMN1CY103N	J	AA	0.01 μF,16V	C336	VCKYMN1HB471K	J	AA	470 pF,50V
C3	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic	C337	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
C4	VCTYPAC1X104K	J	AB	0.1 μF,16V	C338	VCKYMN1HB101K	J	AA	100 pF,50V
C5,6	VCTYPAC1X333K	J	AA	0.033 μF,16V	C348,349	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C7	VCEAZA1HW104M	J	AB	0.1 μF,50V,Electrolytic	C350	VCEAZA1AW227M	J	AC	220 μF,10V,Electrolytic
C8	VCTYPAC1X683K	J	AA	0.068 μF,16V	C351	VCTYMN1CX222K	J	AA	0.0022 μF,16V
C9	VCTYPAC1X473K	J	AA	0.047 μF,16V	C353	VCTYMN0JY183M	J	AA	0.018 μF,6.3V
C10	VCKYMN1HB181K	J	AA	180 pF,50V	C354	VCKYMN1HB471K	J	AA	470 pF,50V
C11,12	VCTYPAC1X104K	J	AB	0.1 μF,16V	C355~357	VCEAZA1HW335M	J	AB	3.3 μF,50V,Electrolytic
C13	VCKYMN1HB331K	J	AA	330 pF,50V	C358	92LCPU100V1500	J	AC	0.0015 μF,100V
C14	VCTYMN1CY103K	J	AA	0.01 μF,16V	C359,360	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C15	VCTYMN1CY103N	J	AA	0.01 μF,16V	C361	VCEAZA1CW226M	J	AC	22 μF,16V,Electrolytic
C16	VCTYMN1CX472K	J	AA	0.0047 μF,16V	C363,364	VCTYPAC1X273K	J	AA	0.027 μF,16V
C17	VCKYMN1HB102K	J	AA	0.001 μF,50V	C365~367	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic
C18	VCEAZA1HW474M	J	AB	0.47 μF,50V,Electrolytic	C369	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic
C19	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic	C370	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic
C20	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic	C381	VCCCMN1HH120J	J	AA	12 pF (CH),50V
C21	VCTYMN1CX332K	J	AA	0.0033 μF,16V					
C22	VCCSPA1HL221J	J	AA	220 pF,50V					
C23	VCTYMN1CX272K	J	AA	0.0027 μF,16V					
C24	VCCSMN1HL2R2C	J	AB	2.2 pF,50V					
C25	VCCSMN1HL270J	J	AA	27 pF,50V					
C26	VCTYPAC1X333K	J	AA	0.033 μF,16V					
C27	VCKYMN1HB102K	J	AA	0.001 μF,50V					
C28	VCTYPAC1X104K	J	AB	0.1 μF,16V					
C29	VCEAZA1HW475M	J	AB	4.7 μF,50V,Electrolytic					
C30	VCEAZA1HW104M	J	AB	0.1 μF,50V,Electrolytic					

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NO.	PART CODE	★	PRICE RANK	DESCRIPTION
C382	VCCCMN1HH150J	J	AA	15 pF (CH),50V
C383	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C384	VCKYMN1HB102K	J	AA	0.001 μF,50V
C385	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic
C392	VCKYMN1HB102K	J	AA	0.001 μF,50V
C393	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic
C901	VCKYPA1HF223Z	J	AB	0.022 μF,50V
C902~905	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic
C906	VCKYPA1HF223Z	J	AB	0.022 μF,50V
C907	VCEAZA1EW227M	J	AC	220 μF,25V,Electrolytic
C908	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic
C909	VCTYBT1EF223Z	J	AA	0.022 μF,25V
C910	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic
C911	VCKYPA1HF223Z	J	AB	0.022 μF,50V
C913	VCEAZW1EW338M	J	AG	3300 μF,25V,Electrolytic
C914	VCEAZA1EW107M	J	AB	100 μF,25V,Electrolytic
C915	VCKYPA1HF223Z	J	AB	0.022 μF,50V
C919	VCEAZW1EW478M	J	AK	4700 μF,25V,Electrolytic
C920	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic
C954	VCQYKA1HM224K	J	AB	0.22 μF,50V,Mylar
C956	VCQYKA1HM224K	J	AB	0.22 μF,50V,Mylar
C957,958	VCQYKA1HM473K	J	AB	0.047 μF,50V,Mylar
C959~961	VCEAZA1HW227M	J	AC	220 μF,50V,Electrolytic
C962	VCEAZA1JW476M	J	AC	47 μF,63V,Electrolytic
C963,964	VCEAZA1HW476M	J	AB	47 μF,50V,Electrolytic
C965	VCEAZA1VW107M	J	AC	100 μF,35V,Electrolytic
C966,967	VCQYKA1HM473K	J	AB	0.047 μF,50V,Mylar
CA11,12	VCEAZA1CW226M	J	AC	22 μF,16V,Electrolytic
CA13,14	VCKYTV1EF104Z	J	AA	0.1 μF,25V
CA15~18	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
CA19,20	VCKYTV1EF104Z	J	AA	0.1 μF,25V
CA21,22	VCKYTV1HB152K	J	AA	0.0015 μF,50V
CA23	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
CA24	VCKYTV1EF104Z	J	AA	0.1 μF,25V
CA25	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
CA26	VCKYTV1EF104Z	J	AA	0.1 μF,25V
CA27	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
CA28	VCKYTV1EF104Z	J	AA	0.1 μF,25V
CA30	VCKYTV1EF104Z	J	AA	0.1 μF,25V
CA32	VCKYTV1EF104Z	J	AA	0.1 μF,25V
CA33	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
CA34	VCKYTV1EF104Z	J	AA	0.1 μF,25V
CA35	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
CA36	VCKYTV1EF104Z	J	AA	0.1 μF,25V
CA37	VCKYTV1HB102K	J	AA	0.001 μF,50V
CA38~41	VCKYTV1EF104Z	J	AA	0.1 μF,25V
CA42,43	VCKYTV1HB102K	J	AA	0.001 μF,50V
CA44~46	VCKYTV1EF104Z	J	AA	0.1 μF,25V
CA47	VCKYTV1HB102K	J	AA	0.001 μF,50V
CA48,49	VCKYTV1EF104Z	J	AA	0.1 μF,25V
CA50,51	VCEAZA1AW107M	J	AB	100 μF,10V,Electrolytic
CA52	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
CA53	VCKYTV1HB102K	J	AA	0.001 μF,50V
CA54	VCCCTV1HH180J	J	AA	18 pF (CH),50V
CA55	VCCCTV1HH220J	J	AA	22 pF (CH),50V
CA56	VCKYTV1HF103Z	J	AA	0.01 μF,50V
CA57	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
CA58	VCEAZA0JW227M	J	AC	220 μF,6.3V
CA59	VCKYTV1HF103Z	J	AA	0.01 μF,50V
CA60,61	VCKYTV1EF104Z	J	AA	0.1 μF,25V
CA62	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic
CA63,64	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
CA65,66	VCKYTV1HB153K	J	AA	0.015 μF,50V
CA67,68	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
CA69,70	VCKYTV1HB153K	J	AA	0.015 μF,50V
CA71	VCKYTV1HF103Z	J	AA	0.01 μF,50V
CA72	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
CA73	VCEAZA0JW227M	J	AC	220 μF,6.3V
CA74	VCKYTV1HF103Z	J	AA	0.01 μF,50V
CA75,76	VCKYTV1EF104Z	J	AA	0.1 μF,25V
CA77	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic
CA79,80	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
CA81,82	VCKYTV1HB153K	J	AA	0.015 μF,50V
CA83	VCEAZA1HW225M	J	AB	2.2 μF,50V,Electrolytic
CA84	VCCCTV1HH470J	J	AA	47 pF (CH),50V
CA85,86	VCKYTV1HF223Z	J	AA	0.022 μF,50V
CA87	VCCCTV1HH470J	J	AA	47 pF (CH),50V
CA88	VCEAZA1HW225M	J	AB	2.2 μF,50V,Electrolytic
CA91,92	VCKYTV1HF223Z	J	AA	0.022 μF,50V
CA93	VCEAZA1HW225M	J	AB	2.2 μF,50V,Electrolytic
CA95,96	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic
CA97	VCKYTV1EF104Z	J	AA	0.1 μF,25V

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
CA98	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
CB1,2	VCKYTV1HB101K	J	AA	100 pF,50V
CB3,4	VCKYTV1HF223Z	J	AA	0.022 μF,50V
CB5,6	VCKYTV1HB221K	J	AA	220 pF,50V
CB11	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic
CB12	VCEAZA1AW107M	J	AB	100 μF,10V,Electrolytic
CB13	VCKYTV1HF223Z	J	AA	0.022 μF,50V
CB14~17	VCKYPA1HB102K	J	AA	0.001 μF,50V
CB18	VCKYTV1HB102K	J	AA	0.001 μF,50V
CB19~23	VCKYPA1HB102K	J	AA	0.001 μF,50V
CD1	VCTYBT1EF223Z	J	AA	0.022 μF,25V
CD2	VCEAZA1AW107M	J	AB	100 μF,10V,Electrolytic
CD5~8	VCKYBT1HB102K	J	AA	0.001 μF,50V
CD9	VCKYBT1HB151K	J	AA	150 pF,50V
CD10	VCEAZA0JW227M	J	AC	220 μF,6.3V,Electrolytic
CD11	VCTYBT1EF223Z	J	AA	0.022 μF,25V
CD18~21	VCKYBT1HB151K	J	AA	150 pF,50V
CD28~30	RC-EZY105AF1H	J	AB	1 μF,50V,Electrolytic
CG1	VCEAZA1AW477M	J	AC	470 μF,10V,Electrolytic
CG2	VCTYMN1CY103K	J	AA	0.01 μF,16V
CG3	VCEAZA1HW335M	J	AB	3.3 μF,50V,Electrolytic
CG4	VCTYMN1CY103K	J	AA	0.01 μF,16V
CG5,6	VCCCMN1HH150J	J	AA	15 pF (CH),50V
CG56	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CG57	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic
CH10	VCCSMN1HL470J	J	AA	47 pF,50V
CH13	VCKYMN1HB331K	J	AA	330 pF,50V
CH15	VCEAZA1HW224M	J	AB	0.22 μF,50V,Electrolytic
CH16	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic
CH17	VCQYKA1HM473K	J	AB	0.047 μF,50V,Mylar
CH18	VCEAZA1HW224M	J	AB	0.22 μF,50V,Electrolytic
CH19	VCEAZA1HW474M	J	AB	0.47 μF,50V,Electrolytic
CH20	VCTYMN0JY153M	J	AA	0.015 μF,6.3V
CH21	VCEAZA1HW224M	J	AB	0.22 μF,50V,Electrolytic
CH22	VCQYKA1HM104K	J	AB	0.1 μF,50V,Mylar
CH23	VCTYMN1CX472K	J	AA	0.0047 μF,16V
CH24	VCEAZA1HW224M	J	AB	0.22 μF,50V,Electrolytic
CH25	VCQYKA1HM273K	J	AB	0.027 μF,50V,Mylar
CH26	VCTYMN1CX122K	J	AA	0.0012 μF,16V
CH27	VCEAZA1HW225M	J	AB	2.2 μF,50V,Electrolytic
CH28,29	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CH30	VCQYKA1HM562K	J	AA	0.0056 μF,50V,Mylar
CH51	VCKYTV1HF223Z	J	AA	0.022 μF,50V
CH52	VCKYTV1HB221K	J	AA	220 pF,50V
CH53	VCEAZA1EW226M	J	AB	22 μF,25V,Electrolytic
CH54	VCKYTV1HB221K	J	AA	220 pF,50V
CH55	VCEAZA1EW226M	J	AB	22 μF,25V,Electrolytic
CH56	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic
CH57	VCKYTV1HF223Z	J	AA	0.022 μF,50V
CH58	VCKYTV1CB473K	J	AC	0.047 μF,16V
CH59	VCCCTV1HH470J	J	AA	47 pF (CH),50V
CH60	VCEAZA1AW108M	J	AC	1000 μF,10V,Electrolytic
CH61	VCKYTV1HB102K	J	AA	0.001 μF,50V
CK1,2	VCKYMN1HB681K	J	AA	680 pF,50V
CK5,6	VCKYMN1HB331K	J	AA	330 pF,50V
CK7,8	VCKYMN1HB102K	J	AA	0.001 μF,50V
CK9	VCKYPA1HF223Z	J	AB	0.022 μF,50V
CK10	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic
CK11~14	VCKYMN1HB331K	J	AA	330 pF,50V
CK15,16	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic
CK17,18	VCTYPA1CX333K	J	AA	0.033 μF,16V
CK19,20	VCKYMN1HB561K	J	AA	560 pF,50V
CK21,22	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic
CK25,26	VCTYPA1EX822K	J	AA	0.0082 μF,25V
CK27	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CK28	VCEAZA1EW335M	J	AB	3.3 μF,25V,Electrolytic
CK29,30	VCKYMN1HB471K	J	AA	470 pF,50V
CK31,32	VCKYMN1HB271K	J	AA	270 pF,50V
CK33,34	VCEAZA1EW226M	J	AB	22 μF,25V,Electrolytic
CK35,36	VCTYPA1CX223K	J	AA	0.022 μF,16V
CK37,38	VCTYPA1CX183K	J	AA	0.018 μF,16V
CK39,40	VCTYMN1CX332K	J	AA	0.0033 μF,16V
CK41,42	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic
CK43,44	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CK45	VCEAZA1EW226M	J	AB	22 μF,25V,Electrolytic
CK46	VCEAZA1AW227M	J	AC	220 μF,10V,Electrolytic
CK47	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CK50	VCQPKA2AA822J	J	AA	0.0082 μF,100V,Polypylene
CK51	VCQYKA1HM273K	J	AB	0.027 μF,50V,Mylar
CK52	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic
CK55	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CK60	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
CK62	VCQYKA1HM473K	J	AB	0.047 μF,50V,Mylar
CL12	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic
CL13	VCEAZA1HW335M	J	AB	3.3 μF,50V,Electrolytic
CP7,8	VCKYMN1HB101K	J	AA	100 pF,50V
CP9,10	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic
CP13,14	VCKYMN1HB102K	J	AA	0.001 μF,50V
CP15,16	VCQYKA1HM104K	J	AB	0.1 μF,50V,Mylar
CP17,18	VCCSMN1HL470J	J	AA	47 pF,50V
CP19,20	VCQYKA1HM104K	J	AB	0.1 μF,50V,Mylar
CP23,24	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
CP25,26	VCKYMN1HB102K	J	AA	0.001 μF,50V
CP27,28	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CP29,30	VCEAZA1HW225M	J	AB	2.2 μF,50V,Electrolytic
CP31,32	VCKYMN1HB102K	J	AA	0.001 μF,50V
CP37,38	VCKYMN1HB102K	J	AA	0.001 μF,50V
CP41,42	VCEAZA1HW225M	J	AB	2.2 μF,50V,Electrolytic
CP43	VCTYPA1CX683K	J	AA	0.068 μF,16V
CP44	VCKYMN1HB102K	J	AA	0.001 μF,50V
CP47	VCKYMN1HB102K	J	AA	0.001 μF,50V
CP53	VCKYMN1HB102K	J	AA	0.001 μF,50V
CP57	VCEAZA1EW226M	J	AB	22 μF,25V,Electrolytic
CP91	VCEAZA0JW107M	J	AC	100 μF,6.3V,Electrolytic
CQ1~5	VCEAZA1HW225M	J	AB	2.2 μF,50V,Electrolytic
CQ6	VCQYKA1HM102J	J	AB	0.001 μF,50V,Mylar
CQ7	VCQYKA1HM123J	J	AB	0.012 μF,50V,Mylar
CQ8	VCQYKA1HM823J	J	AC	0.082 μF,50V,Mylar
CQ9,10	VCEAZA1HW106M	J	AB	10 μF,50V,Electrolytic
CQ11	VCQYKA1HM223J	J	AB	0.022 μF,50V,Mylar
CQ12	VCEAZA1HW224M	J	AB	0.22 μF,50V,Electrolytic
CQ13	VCQYKA1HM272J	J	AB	0.0027 μF,50V,Mylar
CQ14	VCKYPA1HF223Z	J	AB	0.022 μF,50V
CQ15	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic
CQ16~20	VCEAZA1HW225M	J	AB	2.2 μF,50V,Electrolytic
CQ21	VCEAZA1HW474M	J	AB	0.47 μF,50V,Electrolytic
CQ22,23	VCQYKA1HM223J	J	AB	0.022 μF,50V,Mylar
CQ24	VCQYKA1HM472K	J	AB	0.0047 μF,50V,Mylar
CQ25	VCEAZA1HW474M	J	AB	0.47 μF,50V,Electrolytic
CQ26,27	VCQYKA1HM223J	J	AB	0.022 μF,50V,Mylar
CQ28	VCQYKA1HM472K	J	AB	0.0047 μF,50V,Mylar
CQ29	RC-EZ0004AWZZ	J	AD	100 μF,10V,Electrolytic
CQ30	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic
CQ31	VCEAZA1HW474M	J	AB	0.47 μF,50V,Electrolytic
CQ32,33	VCQYKA1HM223J	J	AB	0.022 μF,50V,Mylar
CQ34	VCEAZA1HW474M	J	AB	0.47 μF,50V,Electrolytic
CQ35,36	VCQYKA1HM223J	J	AB	0.022 μF,50V,Mylar
CR02	VCEAZA1AW107M	J	AB	100 μF,10V,Electrolytic
CR1	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CR2	VCEAZA1AW107M	J	AB	100 μF,10V,Electrolytic
CR3,4	VCKYPA1HB102K	J	AA	0.001 μF,50V
CR10	VCKYPA1HB102K	J	AA	0.001 μF,50V
CR11~14	VCKYMN1HB391K	J	AA	390 pF,50V
CR15~17	VCEAZA1HW475M	J	AB	47 μF,50V,Electrolytic
CR65,66	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic
CV11~14	VCEAZA1HW225M	J	AB	2.2 μF,50V,Electrolytic
CV15,16	VCKYPA1HB471K	J	AA	470 pF,50V
CV17,18	VCCSPA1HL470J	J	AA	47 pF,50V
CV19,20	VCEAZA1HW107M	J	AC	100 μF,50V,Electrolytic
CV21,22	VCCSPA1HL150J	J	AA	15 pF,50V
CV23,24	VCEAZA1HW476M	J	AB	47 μF,50V,Electrolytic
CV25,26	VCKYPA1HF223Z	J	AB	0.022 μF,50V
CV27	VCEAZA0JW108M	J	AC	1000 μF,6.3V,Electrolytic
CV28	VCEAZA1HW476M	J	AB	47 μF,50V,Electrolytic
CV29,30	VCEAZW1HW338M	J	AH	3300 μF,50V,Electrolytic
CV33,34	VCQYKA1HM473K	J	AB	0.047 μF,50V,Mylar
CV47	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic
CV48	VCEAZA1HW106M	J	AB	10 μF,50V,Electrolytic
CV49	VCEAZA1HW107M	J	AC	100 μF,50V,Electrolytic
CV91,92	VCCSPA1HL101J	J	AA	100 pF,50V
CX11~14	VCEAZA1HW225M	J	AB	2.2 μF,50V,Electrolytic
CX15,16	VCKYPA1HB471K	J	AA	470 pF,50V
CX17,18	VCCSPA1HL470J	J	AA	47 pF,50V
CX19,20	VCCSPA1HL150J	J	AA	15 pF,50V
CX21,22	VCEAZA1HW107M	J	AC	100 μF,50V,Electrolytic
CX23,24	VCEAZA1HW476M	J	AB	47 μF,50V,Electrolytic
CX25,26	VCKYPA1HF223Z	J	AB	0.022 μF,50V
CX27	VCEAZA0JW108M	J	AC	1000 μF,6.3V,Electrolytic
CX28	VCEAZA1HW476M	J	AB	47 μF,50V,Electrolytic
CX29,30	VCEAZW1HW338M	J	AH	3300 μF,50V,Electrolytic
CX33,34	VCQYKA1HM473K	J	AB	0.047 μF,50V,Mylar
CY11,12	VCEAZA1HW225M	J	AB	2.2 μF,50V,Electrolytic
CY13	VCKYPA1HB471K	J	AA	470 pF,50V
CY14	VCCSPA1HL470J	J	AA	47 pF,50V

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
CY15	VCCSPA1HL150J	J	AA	15 pF,50V
CY16	VCEAZA1HW107M	J	AC	100 μF,50V,Electrolytic
CY17	VCKYPA1HF223Z	J	AB	0.022 μF,50V
CY19	VCQYKA1HM473K	J	AB	0.047 μF,50V,MyIar
CY51,52	VCEAZA1HW225M	J	AB	2.2 μF,50V,Electrolytic
CY53	VCKYPA1HB471K	J	AA	470 pF,50V
CY54	VCEAZA1HW107M	J	AC	100 μF,50V,Electrolytic
CY55	VCCSPA1HL470J	J	AA	47 pF,50V
CY56	VCCSPA1HL150J	J	AA	15 pF,50V
CY57	VCKYPA1HF223Z	J	AB	0.022 μF,50V
CY59	VCQYKA1HM473K	J	AB	0.047 μF,50V,MyIar
CZ1,2	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic
CZ3,4	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
CZ5,6	VCQYKA1HM472K	J	AB	0.0047 μF,50V,MyIar
CZ7,8	VCCSPA1HL271J	J	AA	270 pF,50V
CZ9,10	VCQYKA1HM273K	J	AB	0.027μF,50V,MyIar
CZ11,12	VCQYKA1HM152K	J	AB	0.0015 μF,50V,MyIar
CZ13,14	VCQYKA1HM274K	J	AB	0.27μF,50V,MyIar
CZ15,16	VCQYKA1HM123J	J	AB	0.012 μF,50V,MyIar
CZ17,18	VCQYKA1HM184K	J	AC	0.018 μF,50V,MyIar
CZ19,20	VCQYKA1HM333K	J	AB	0.033 μF,50V,MyIar
CZ21,22	VCEAZA1HW334M	J	AB	0.33 μF,50V,Electrolytic
CZ23,24	VCQYKA1HM393K	J	AB	0.039 μF,50V,MyIar
CZ25	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CZ26,27	VCEAZA1AW107M	J	AB	100 μF,10V,Electrolytic
CZ28,29	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CZ30	VCEAZA1AW107M	J	AB	100 μF,10V,Electrolytic
CZ31	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CZ32	VCEAZA1AW107M	J	AB	100 μF,10V,Electrolytic
CZ33	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CZ34	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
CZ35	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CZ36	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic
CZ37	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CZ38	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
CZ39	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CZ40	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic
CZ41	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CZ42,43	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
CZ44,45	VCCSMN1HL470J	J	AA	47 pF,50V
CZ46,47	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
CZ48-53	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic
CZ54	VCTYBT1EF223Z	J	AA	0.022 μF,25V
CZ55	VCKYBT1HB102K	J	AA	0.001 μF,50V
CZ56-61	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic
CZ62	VCEAZA1CW226M	J	AC	22 μF,16V,Electrolytic
CZ63	VCEAZA1HW106M	J	AB	10 μF,50V,Electrolytic
CZ64	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic
CZ65	VCEAZA1HW106M	J	AB	10 μF,50V,Electrolytic
CZ66	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic
CZ67	VCEAZA1CW226M	J	AC	22 μF,16V,Electrolytic
CZ69,70	VCKYMN1HB101K	J	AA	100 pF,50V
CZ71		J		1μF,50V,Electrolytic

RESISTORS

	VRD-MN2BD000C	J	AA	0 ohm,Jumper,ø1.4×3.5mm,Ivory
	VRS-TQ2BB000J	J	AA	0 ohm,Jumper,1.55×3.1mm, Green
	VRS-TV2AB000J	J	AA	0 ohm,Jumper,1.25×2mm,Green
R1	VRD-MN2BD100J	J	AA	10 ohm,1/8W
R2	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R8	VRD-MN2BD153J	J	AA	15 kohms,1/8W
R9	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R10	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R11	VRD-MN2BD682J	J	AA	6.8 kohms,1/8W
R12	VRD-MN2BD101J	J	AA	100 ohm,1/8W
R13	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R14	VRD-MN2BD273J	J	AA	27 kohms,1/8W
R15	VRD-MN2BD123J	J	AA	12 kohms,1/8W
R16	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R17	VRD-MN2BD333J	J	AA	33 kohms,1/8W
R18	VRD-MN2BD153J	J	AA	15 kohms,1/8W
R19,20	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R21,22	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R23	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R24	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R25	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W
R26	VRD-MN2BD823J	J	AA	82 kohms,1/8W
R27	VRD-MN2BD393J	J	AA	39 kohms,1/8W
R28	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R29	VRD-MN2BD563J	J	AA	56 kohms,1/8W

CD-C492/492C

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
R30	VRD-MN2BD682J	J	AA	6.8 kohms,1/8W
R31	VRD-MN2BD122J	J	AA	1.2 kohms,1/8W
R32	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R33	VRD-MN2BD122J	J	AA	1.2 kohms,1/8W
R34	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R35,36	VRD-MN2BD224J	J	AA	220 kohms,1/8W
R37	VRD-MN2BD823J	J	AA	82 kohms,1/8W
R38	VRD-MN2BD471J	J	AA	470 ohms,1/8W
R39	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R40	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R41,42	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R43	VRD-MN2BD563J	J	AA	56 kohms,1/8W
R44	VRD-MN2BD333J	J	AA	33 kohms,1/8W
R45	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R46	VRD-MN2BD561J	J	AA	560 ohms,1/8W
R47	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R48	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R50	VRD-MN2BD681J	J	AA	680 ohms,1/8W
R51	VRD-ST2CD335J	J	AA	3.3 Mohms,1/6W
R52	VRD-MN2BD273J	J	AA	27 kohms,1/8W
R53	VRD-MN2BD122J	J	AA	1.2 kohms,1/8W
R54	VRD-ST2CD331J	J	AA	330 ohms,1/6W
R55	VRD-MN2BD151J	J	AA	150 ohms,1/8W
R57	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R58-60	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R61-63	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R64	VRD-ST2CD220J	J	AA	22 ohms,1/6W
R66	VRD-MN2BD331J	J	AA	330 ohms,1/8W
R80	VRD-ST2CD682J	J	AA	6.8 kohms,1/6W
R81	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W
R82	VRD-MN2BD682J	J	AA	6.8 kohms,1/8W
R83	VRD-ST2EE3R9J	J	AA	3.9 ohms,1/4W
R86	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W
R87	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R88-90	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R93	VRD-ST2CD221J	J	AA	220 ohms,1/6W
R301	VRD-MN2BD333J	J	AA	33 kohms,1/8W
R302	VRD-ST2CD220J	J	AA	22 ohms,1/6W
R303	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R306	VRD-MN2BD100J	J	AA	10 ohm,1/8W
R309	VRD-ST2CD470J	J	AA	47 ohms,1/6W
R311	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R312	VRD-MN2BD681J	J	AA	680 ohms,1/8W
R314	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R316	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R317	VRD-ST2EE821J	J	AA	820 ohms,1/4W
R319	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R320	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W
R323	VRD-MN2BD683J	J	AA	68 kohms,1/8W
R324	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R340	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R347	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W
R348	VRD-MN2BD333J	J	AA	33 kohms,1/8W
R349	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W
R350	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R351	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R352	VRD-MN2BD153J	J	AA	15 kohms,1/8W
R356	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R357,358	VRD-ST2CD332J	J	AA	3.3 kohms,1/6W
R359,360	VRD-ST2CD272J	J	AA	2.7 kohms,1/6W
R361	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R362	VRD-ST2EE471J	J	AA	470 ohms,1/4W
R363	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R364	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R365	VRD-RT2HD151J	J	AA	150 ohms,1/2W
R369	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R371-374	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R375	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W
R376	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R379	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R380	VRD-ST2CD152J	J	AA	1.5 kohms,1/6W
R381	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R382-384	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R901	VRS-VV3LA151J	J	AC	150 ohms,3W
R902	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R903	VRD-ST2CD470J	J	AA	47 ohms,1/6W
R904	VRD-ST2EE152J	J	AA	1.5 kohms,1/4W
R906	VRD-ST2EE101J	J	AA	100 ohm,1/4W
R907	VRD-ST2EE561J	J	AA	560 ohms,1/4W
R908	VRD-ST2CD333J	J	AA	33 kohms,1/6W
R909	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R910	VRD-ST2CD151J	J	AA	150 ohms,1/6W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
R911	VRD-ST2EE561J	J	AA	560 ohms,1/4W
R912	VRD-ST2CD470J	J	AA	47 ohms,1/6W
R913	VRD-ST2EE561J	J	AA	560 ohms,1/4W
R914	VRD-ST2CD470J	J	AA	47 ohms,1/6W
R917	VRD-ST2EE472J	J	AA	4.7 kohms,1/4W
R918	VRD-ST2CD101J	J	AA	100 ohm,1/6W
R919,920	VRD-RT2HD3R9J	J	AA	3.9 ohms,1/2W
R951,952	VRD-ST2EE1R0J	J	AA	1 ohm,1/4W
R953,954	VRD-ST2EE221J	J	AA	220 ohms,1/4W
R955	VRD-ST2CD123J	J	AA	12 kohms,1/6W
R956	VRD-ST2CD101J	J	AA	100 ohm,1/6W
R957	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W
△R991	RR-DZ0001AWZZ	J	AB	4.7 Mohms,1/2W
RA1-6	VRS-TQ2BB220J	J	AA	22 ohms,1/8W
RA7,8	VRS-TV2AB103J	J	AA	10 kohm,1/10W
RA9,10	VRS-TV2AB331J	J	AA	330 ohms,1/10W
RA11,12	VRS-TV2AB473J	J	AA	47 kohms,1/10W
RA13-22	VRS-TV2AB103J	J	AA	10 kohm,1/10W
RA23,24	VRS-TV2AB331J	J	AA	330 ohms,1/10W
RA25,26	VRS-TV2AB103J	J	AA	10 kohm,1/10W
RA27,28	VRS-TQ2BB151J	J	AA	150 ohms,1/8W
RA29	VRS-TV2AB473J	J	AA	47 kohms,1/10W
RA30	VRS-TV2AB222J	J	AA	2.2 kohms,1/10W
RA32	VRS-TV2AB473J	J	AA	47 kohms,1/10W
RA33	VRS-TV2AB222J	J	AA	2.2 kohms,1/10W
RA34-37	VRS-TV2AB102J	J	AA	1 kohm,1/10W
RA39,40	VRS-TV2AB102J	J	AA	1 kohm,1/10W
RA41	VRS-TV2AB103J	J	AA	10 kohm,1/10W
RA42	VRS-TV2AB102J	J	AA	1 kohm,1/10W
RA43	VRS-TV2AB103J	J	AA	10 kohm,1/10W
RA44	VRS-TV2AB271J	J	AA	270 ohms,1/10W
RA48,49	VRS-TV2AB271J	J	AA	270 ohms,1/10W
RA50	VRS-TV2AB102J	J	AA	1 kohm,1/10W
RA52,53	VRS-TV2AB102J	J	AA	1 kohm,1/10W
RA54-57	VRS-TV2AB271J	J	AA	270 ohms,1/10W
RA59	VRS-TV2AB105J	J	AA	1 Mohm,1/10W
RA60	VRS-TV2AB103J	J	AA	10 kohm,1/10W
RA61,62	VRS-TV2AB273J	J	AA	27 kohms,1/10W
RA63,64	VRS-TV2AB221J	J	AA	220 ohms,1/10W
RA65,66	VRS-TV2AB273J	J	AA	27 kohms,1/10W
RA67,68	VRS-TV2AB221J	J	AA	220 ohms,1/10W
RA71,72	VRS-TV2AB273J	J	AA	27 kohms,1/10W
RA73,74	VRS-TV2AB221J	J	AA	220 ohms,1/10W
RA75	VRS-TV2AB102J	J	AA	1 kohm,1/10W
RA76	VRS-TV2AB104J	J	AA	100 kohm,1/10W
RA77	VRS-TV2AB272J	J	AA	2.7 kohms,1/10W
RA78	VRS-TV2AB183J	J	AA	18 kohms,1/10W
RA79	VRS-TV2AB102J	J	AA	1 kohm,1/10W
RA80	VRS-TV2AB104J	J	AA	100 kohm,1/10W
RA82,83	VRS-TV2AB104J	J	AA	100 kohm,1/10W
RA85	VRS-TV2AB332J	J	AA	3.3 kohms,1/10W
RA87-90	VRS-TV2AB223J	J	AA	22 kohms,1/10W
RA91,92	VRS-TV2AB473J	J	AA	47 kohms,1/10W
RA93-96	VRS-TQ2BB681J	J	AA	680 ohms,1/8W
RB1,2	VRS-TV2AB223J	J	AA	22 kohms,1/10W
RB3,4	VRS-TV2AB273J	J	AA	27 kohms,1/10W
RB5,6	VRS-TV2AB101J	J	AA	100 ohm,1/10W
RB7,8	VRS-TV2AB104J	J	AA	100 kohm,1/10W
RB9	VRS-TV2AB561J	J	AA	560 ohms,1/6W
RB11,12	VRS-TQ2BB391J	J	AA	390 ohms,1/8W
RD1-6	VRD-ST2CD102J	J	AA	1 kohm,1/6W
RD7	VRD-ST2CD561J	J	AA	560 ohms,1/6W
RD8	VRD-ST2CD102J	J	AA	1 kohm,1/6W
RD9	VRD-ST2CD561J	J	AA	560 ohms,1/6W
RD10	VRD-ST2CD102J	J	AA	1 kohm,1/6W
RD11	VRD-ST2CD561J	J	AA	560 ohms,1/6W
RD12	VRD-ST2CD102J	J	AA	1 kohm,1/6W
RD13	VRD-ST2CD561J	J	AA	560 ohms,1/6W
RD14-17	VRD-ST2CD102J	J	AA	1 kohm,1/6W
RD19	VRD-ST2CD102J	J	AA	1 kohm,1/6W
RD21,22	VRD-ST2CD102J	J	AA	1 kohm,1/6W
RD26-28	VRD-ST2CD102J	J	AA	1 kohm,1/6W
RD29	VRD-ST2CD103J	J	AA	10 kohm,1/6W
RD31-33	VRD-ST2CD102J	J	AA	1 kohm,1/6W
RD34	VRD-ST2CD821J	J	AA	820 ohms,1/6W
RD35-45	VRD-ST2CD102J	J	AA	1 kohm,1/6W
RD48,49	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W
RD50	VRD-ST2CD821J	J	AA	820 ohms,1/6W
RD51	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W
RD52	VRD-ST2CD561J	J	AA	560 ohms,1/6W
RD53	VRD-ST2CD102J	J	AA	1 kohm,1/6W
RD54	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W

NO.	PART CODE	★	PRICE RANK	DESCRIPTION	NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
RD55	VRD-ST2CD821J	J	AA	820 ohms, 1/6W	RF91	VRD-MN2BD102J	J	AA	1 kohm, 1/8W
RD57	VRD-ST2EE390J	J	AA	39 ohms, 1/4W	RF92	VRD-ST2CD102J	J	AA	1 kohm, 1/6W
RD58,59	VRD-ST2CD104J	J	AA	100 kohm, 1/6W	RF93,94	VRD-MN2BD102J	J	AA	1 kohm, 1/8W
RD60,61	VRD-ST2CD103J	J	AA	10 kohm, 1/6W	RF95	VRD-ST2CD102J	J	AA	1 kohm, 1/6W
RD64,65	VRD-ST2CD103J	J	AA	10 kohm, 1/6W	RF96,97	VRD-MN2BD102J	J	AA	1 kohm, 1/8W
RD70~72	VRD-ST2CD821J	J	AA	820 ohms, 1/6W	RF98,99	VRD-ST2CD102J	J	AA	1 kohm, 1/6W
RE1	VRD-ST2CD822J	J	AA	8.2 kohms, 1/6W	RG4~8	VRD-MN2BD103J	J	AA	10 kohm, 1/8W
RE2	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RG11	VRD-ST2CD103J	J	AA	10 kohm, 1/6W
RE3	VRD-ST2CD122J	J	AA	1.2 kohms, 1/6W	RG15	VRD-ST2CD103J	J	AA	10 kohm, 1/6W
RE4	VRD-ST2CD182J	J	AA	1.8 kohms, 1/6W	RG16	VRD-ST2CD473J	J	AA	47 kohms, 1/6W
RE11	VRD-ST2CD822J	J	AA	8.2 kohms, 1/6W	RG17	VRD-ST2CD103J	J	AA	10 kohm, 1/6W
RE12	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RG19	VRD-ST2CD473J	J	AA	47 kohms, 1/6W
RE13	VRD-ST2CD122J	J	AA	1.2 kohms, 1/6W	RG20~22	VRD-ST2CD103J	J	AA	10 kohm, 1/6W
RE14	VRD-ST2CD182J	J	AA	1.8 kohms, 1/6W	RG23,24	VRD-MN2BD103J	J	AA	10 kohm, 1/8W
RE15	VRD-ST2CD222J	J	AA	2.2 kohms, 1/6W	RG25	VRD-ST2CD472J	J	AA	4.7 kohms, 1/6W
RE16	VRD-ST2CD392J	J	AA	3.9 kohms, 1/6W	RG26	VRD-MN2BD103J	J	AA	10 kohm, 1/8W
RE21	VRD-ST2CD822J	J	AA	8.2 kohms, 1/6W	RG29,30	VRD-MN2BD151J	J	AA	150 ohms, 1/8W
RE22	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RG31	VRD-MN2BD102J	J	AA	1 kohm, 1/8W
RE23	VRD-ST2CD122J	J	AA	1.2 kohms, 1/6W	RG32	VRD-MN2BD101J	J	AA	100 ohm, 1/8W
RE25,26	VRD-ST2CD392J	J	AA	3.9 kohms, 1/6W	RG33,34	VRD-MN2BD103J	J	AA	10 kohm, 1/8W
RE27	VRD-ST2CD562J	J	AA	5.6 kohms, 1/6W	RG35	VRD-MN2BD102J	J	AA	1 kohm, 1/8W
RE28	VRD-ST2CD123J	J	AA	12 kohms, 1/6W	RG36	VRD-MN2BD332J	J	AA	3.3 kohms, 1/8W
RE29	VRD-ST2CD273J	J	AA	27 kohms, 1/6W	RG37	VRD-MN2BD102J	J	AA	1 kohm, 1/8W
RE31	VRD-ST2CD822J	J	AA	8.2 kohms, 1/6W	RG38	VRD-ST2CD104J	J	AA	100 kohm, 1/6W
RE32	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RG39	VRD-MN2BD820J	J	AA	82 ohms, 1/8W
RE33	VRD-ST2CD122J	J	AA	1.2 kohms, 1/6W	RG55,56	VRD-MN2BD102J	J	AA	1 kohm, 1/8W
RE34	VRD-ST2CD182J	J	AA	1.8 kohms, 1/6W	RG94	VRD-ST2CD103J	J	AA	10 kohm, 1/6W
RE35	VRD-ST2CD222J	J	AA	2.2 kohms, 1/6W	RG95	VRD-MN2BD474J	J	AA	470 kohms, 1/8W
RE36	VRD-ST2CD392J	J	AA	3.9 kohms, 1/6W	RG96	VRD-ST2CD103J	J	AA	10 kohm, 1/6W
RE37	VRD-ST2CD562J	J	AA	5.6 kohms, 1/6W	RH11	VRD-MN2BD154J	J	AA	150 kohms, 1/8W
RE38	VRD-ST2CD123J	J	AA	12 kohms, 1/6W	RH12	VRD-MN2BD102J	J	AA	1 kohm, 1/8W
RE39	VRD-ST2CD273J	J	AA	27 kohms, 1/6W	RH13	VRD-MN2BD105J	J	AA	1 Mohm, 1/8W
RE41	VRD-ST2CD822J	J	AA	8.2 kohms, 1/6W	RH14	VRD-MN2BD564J	J	AA	560 kohms, 1/8W
RE42	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RH15	VRD-MN2BD333J	J	AA	33 kohms, 1/8W
RE43	VRD-ST2CD122J	J	AA	1.2 kohms, 1/6W	RH16	VRD-MN2BD105J	J	AA	1 Mohm, 1/8W
RE44	VRD-ST2CD182J	J	AA	1.8 kohms, 1/6W	RH17	VRD-MN2BD152J	J	AA	1.5 kohms, 1/8W
RE45	VRD-ST2CD222J	J	AA	2.2 kohms, 1/6W	RH20	VRD-MN2BD152J	J	AA	1.5 kohms, 1/8W
RE51	VRD-ST2CD822J	J	AA	8.2 kohms, 1/6W	RH21	VRD-MN2BD564J	J	AA	560 kohms, 1/8W
RE52	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RH22	VRD-MN2BD473J	J	AA	47 kohms, 1/8W
RE53	VRD-ST2CD122J	J	AA	1.2 kohms, 1/6W	RH24	VRD-MN2BD474J	J	AA	470 kohms, 1/8W
RE54	VRD-ST2CD182J	J	AA	1.8 kohms, 1/6W	RH25	VRD-MN2BD152J	J	AA	1.5 kohms, 1/8W
RE55	VRD-ST2CD222J	J	AA	2.2 kohms, 1/6W	RH26	VRD-MN2BD564J	J	AA	560 kohms, 1/8W
RE56	VRD-ST2CD392J	J	AA	3.9 kohms, 1/6W	RH27	VRD-MN2BD333J	J	AA	33 kohms, 1/8W
RE57	VRD-ST2CD562J	J	AA	5.6 kohms, 1/6W	RH29	VRD-MN2BD105J	J	AA	1 Mohm, 1/8W
RF1,2	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RH30	VRD-MN2BD152J	J	AA	1.5 kohms, 1/8W
RF3~5	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	RH31	VRD-MN2BD564J	J	AA	560 kohms, 1/8W
RF6~14	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RH32	VRD-MN2BD333J	J	AA	33 kohms, 1/8W
RF19~23	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RH34	VRD-MN2BD105J	J	AA	1 Mohm, 1/8W
RF24~28	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	RH35	VRD-MN2BD152J	J	AA	1.5 kohms, 1/8W
RF29~32	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RH36	VRD-MN2BD564J	J	AA	560 kohms, 1/8W
RF33~35	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	RH37	VRD-MN2BD333J	J	AA	33 kohms, 1/8W
RF36	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RH39	VRD-MN2BD105J	J	AA	1 Mohm, 1/8W
RF37,38	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	RH41	VRD-ST2EE152J	J	AA	1.5 kohms, 1/4W
RF39,40	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RH53	VRS-TV2AB101J	J	AA	100 ohm, 1/10W
RF41,42	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	RH56	VRS-TV2AB222J	J	AA	2.2 kohms, 1/10W
RF43	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RH57,58	VRS-TV2AB473J	J	AA	47 kohms, 1/10W
RF44	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	RH61~64	VRS-TQ2BB151J	J	AA	150 ohms, 1/8W
RF46,47	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RH65	VRS-TQ2BB121J	J	AA	120 ohms, 1/8W
RF48,49	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	RH66	VRS-TQ2BB151J	J	AA	150 ohms, 1/8W
RF50,51	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RH67	VRS-TQ2BB391J	J	AA	390 ohms, 1/8W
RF52	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	RH68	VRS-TQ2BB471J	J	AA	470 ohms, 1/8W
RF54	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RK1,2	VRD-ST2CD102J	J	AA	1 kohm, 1/6W
RF55	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	RK3,4	VRD-MN2BD222J	J	AA	2.2 kohms, 1/8W
RF58	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RK5,6	VRD-MN2BD332J	J	AA	3.3 kohms, 1/8W
RF59,60	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	RK7,8	VRD-MN2BD473J	J	AA	47 kohms, 1/8W
RF61	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RK9	VRD-ST2CD472J	J	AA	4.7 kohms, 1/6W
RF62	VRD-MN2BD101J	J	AA	100 ohm, 1/8W	RK10	VRD-MN2BD472J	J	AA	4.7 kohms, 1/8W
RF63	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	RK11,12	VRD-ST2CD153J	J	AA	15 kohms, 1/6W
RF64,65	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RK13,14	VRD-MN2BD103J	J	AA	10 kohm, 1/8W
RF66~70	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	RK15	VRD-MN2BD472J	J	AA	4.7 kohms, 1/8W
RF71	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RK17,18	VRD-ST2CD102J	J	AA	1 kohm, 1/6W
RF72,73	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	RK19,20	VRD-ST2CD560J	J	AA	56 ohms, 1/6W
RF74,75	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RK21,22	VRD-MN2BD104J	J	AA	100 kohm, 1/8W
RF76	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	RK23,24	VRD-MN2BD392J	J	AA	3.9 kohms, 1/8W
RF77	VRD-MN2BD223J	J	AA	22 kohms, 1/8W	RK25,26	VRD-MN2BD562J	J	AA	5.6 kohms, 1/8W
RF78	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RK29,30	VRD-MN2BD103J	J	AA	10 kohm, 1/8W
RF79,80	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	RK31,32	VRD-MN2BD333J	J	AA	33 kohms, 1/8W
RF81	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RK33	VRD-ST2CD223J	J	AA	22 kohms, 1/6W
RF82	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	RK34	VRD-MN2BD683J	J	AA	68 kohms, 1/8W
RF83	VRD-MN2BD103J	J	AA	10 kohm, 1/8W	RK35,36	VRD-MN2BD183J	J	AA	18 kohms, 1/8W
RF84~86	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RK37,38	VRD-ST2CD682J	J	AA	6.8 kohms, 1/6W
RF87,88	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	RK39,40	VRD-MN2BD561J	J	AA	560 ohms, 1/8W

CD-C492/492C

NO.	PART CODE	★ PRICE RANK	DESCRIPTION	NO.	PARTS CODE	★ PRICE RANK	DESCRIPTION
RK41,42	VRD-MN2BD820J	J AA	82 ohms,1/8W	RV56	VRD-ST2CD392J	J AA	3.9 kohms,1/6W
RK43	VRD-MN2BD103J	J AA	10 kohm,1/8W	RV57	VRD-ST2CD472J	J AA	4.7 kohms,1/6W
RK45~50	VRD-MN2BD103J	J AA	10 kohm,1/8W	RV58	VRD-ST2CD103J	J AA	10 kohm,1/6W
RK52	VRD-MN2BD102J	J AA	1 kohm,1/8W	RV59	VRD-ST2CD104J	J AA	100 kohm,1/6W
RK53	VRD-MN2BD103J	J AA	10 kohm,1/8W	RV60,61	VRD-ST2CD473J	J AA	47 kohms,1/6W
RK54	VRD-ST2CD103J	J AA	10 kohm,1/6W	RV62	VRD-ST2CD332J	J AA	3.3 kohms,1/6W
RK55,56	VRD-MN2BD333J	J AA	33 kohms,1/8W	RV63	VRD-ST2CD124J	J AA	120 kohms,1/6W
RK57	VRD-MN2BD472J	J AA	4.7 kohms,1/8W	RV69,70	VRS-VV3AAR20J	J AB	0.2 ohms,1W
RK58	VRD-ST2EE471J	J AA	470 ohms,1/4W	RV71	VRD-ST2CD821J	J AA	820 ohms,1/6W
RK60,61	VRD-ST2CD271J	J AA	270 ohms,1/6W	RV72	VRD-ST2CD223J	J AA	22 kohms,1/6W
RK62	VRD-MN2BD473J	J AA	47 kohms,1/8W	RV91,92	VRD-ST2EE221J	J AA	220 ohms,1/4W
RK63	VRD-MN2BD103J	J AA	10 kohm,1/8W	RX13,14	VRD-ST2CD563J	J AA	56 kohms,1/6W
RK64	VRD-MN2BD472J	J AA	4.7 kohms,1/8W	RX15,16	VRD-ST2CD102J	J AA	1 kohm,1/6W
RK66	VRD-MN2BD273J	J AA	27 kohms,1/8W	RX19,20	VRD-ST2CD271J	J AA	270 ohms,1/6W
RK67	VRD-MN2BD473J	J AA	47 kohms,1/8W	RX21,22	VRD-ST2CD563J	J AA	56 kohms,1/6W
RK68	VRD-MN2BD4R7J	J AA	4.7 ohms,1/8W	RX23,24	VRD-ST2CD102J	J AA	1 kohm,1/6W
RK69	VRD-ST2EE221J	J AA	220 ohms,1/4W	△RX25,26	VRG-ST2HC101J	J AB	100 ohm,1/2W,Fusible
RK72,73	VRD-ST2CD563J	J AA	56 kohms,1/6W	RX27,28	VRD-ST2CD103J	J AA	10 kohm,1/6W
RK89	VRD-ST2CD102J	J AA	1 kohm,1/6W	RX29,30	VRS-VV3AAR20J	J AB	0.2 ohms,1W
RK90	VRD-MN2BD102J	J AA	1 kohm,1/8W	RX31,32	VRD-ST2CD102J	J AA	1 kohm,1/6W
RL11	VRD-MN2BD333J	J AA	33 kohms,1/8W	RX33	VRD-ST2CD124J	J AA	120 kohms,1/6W
RL12	VRD-MN2BD222J	J AA	2.2 kohms,1/8W	RX34	VRD-ST2CD153J	J AA	15 kohms,1/6W
RL13	VRD-MN2BD682J	J AA	6.8 kohms,1/8W	RX35	VRD-ST2CD222J	J AA	2.2 kohms,1/6W
RL14	VRD-MN2BD333J	J AA	33 kohms,1/8W	RX36	VRD-ST2CD223J	J AA	22 kohms,1/6W
RL15	VRD-MN2BD103J	J AA	10 kohm,1/8W	RX37	VRD-ST2CD473J	J AA	47 kohms,1/6W
RL16	VRD-MN2BD222J	J AA	2.2 kohms,1/8W	RX38	VRD-ST2CD103J	J AA	10 kohm,1/6W
RL17	VRD-RT2HD100J	J AA	10 ohm,1/2W	RX40~42	VRD-ST2CD563J	J AA	56 kohms,1/6W
RL18	VRD-MN2BD103J	J AA	10 kohm,1/8W	RX43,44	VRD-RT2HD4R7J	J AA	4.7 ohms,1/2W
RL19	VRD-MN2BD222J	J AA	2.2 kohms,1/8W	RX50	VRD-ST2CD473J	J AA	47 kohms,1/6W
RL20	VRD-MN2BD122J	J AA	1.2 kohms,1/8W	RX51	VRD-ST2CD332J	J AA	3.3 kohms,1/6W
RL24	VRD-MN2BD332J	J AA	3.3 kohms,1/8W	RX52	VRD-ST2CD273J	J AA	27 kohms,1/6W
RP11,12	VRD-MN2BD101J	J AA	100 ohm,1/8W	RX53,54	VRD-ST2CD223J	J AA	22 kohms,1/6W
RP15,16	VRD-MN2BD104J	J AA	100 kohm,1/8W	RX55	VRD-ST2CD103J	J AA	10 kohm,1/6W
RP17,18	VRD-MN2BD822J	J AA	8.2 kohms,1/8W	RX69,70	VRS-VV3AAR20J	J AB	0.2 ohms,1W
RP19,20	VRD-MN2BD222J	J AA	2.2 kohms,1/8W	RX71	VRD-ST2CD821J	J AA	820 ohms,1/6W
RP21,22	VRD-MN2BD101J	J AA	100 ohm,1/8W	RY11	VRD-ST2CD563J	J AA	56 kohms,1/6W
RP25,26	VRD-MN2BD102J	J AA	1 kohm,1/8W	RY12,13	VRD-ST2CD102J	J AA	1 kohm,1/6W
RP27,28	VRD-MN2BD473J	J AA	47 kohms,1/8W	RY14	VRD-ST2CD563J	J AA	56 kohms,1/6W
RP29,30	VRD-MN2BD562J	J AA	5.6 kohms,1/8W	RY15	VRD-ST2CD271J	J AA	270 ohms,1/6W
RP31,32	VRD-ST2EE221J	J AA	220 ohms,1/4W	RY16	VRS-VV3AAR20J	J AB	0.2 ohms,1W
RP33,34	VRD-MN2BD102J	J AA	1 kohm,1/8W	RY17	VRD-ST2CD102J	J AA	1 kohm,1/6W
RP35,36	VRD-MN2BD104J	J AA	100 kohm,1/8W	RY18	VRD-ST2CD103J	J AA	10 kohm,1/6W
RP47,48	VRD-MN2BD562J	J AA	5.6 kohms,1/8W	RY19	VRD-ST2CD563J	J AA	56 kohms,1/6W
RP51,52	VRD-MN2BD102J	J AA	1 kohm,1/8W	RY20	VRD-RT2HD4R7J	J AA	4.7 ohms,1/2W
RP53,54	VRD-MN2BD104J	J AA	100 kohm,1/8W	RY21	VRD-ST2CD332J	J AA	3.3 kohms,1/6W
RP62	VRD-ST2CD562J	J AA	5.6 kohms,1/6W	RY22	VRD-ST2CD473J	J AA	47 kohms,1/6W
RP70	VRD-MN2BD562J	J AA	5.6 kohms,1/8W	RY23	VRD-ST2CD223J	J AA	22 kohms,1/6W
RP73	VRD-MN2BD223J	J AA	22 kohms,1/8W	RY26	VRS-VV3AAR20J	J AB	0.2 ohms,1W
RP91	VRD-ST2CD101J	J AA	100 ohm,1/6W	RY51	VRD-ST2CD563J	J AA	56 kohms,1/6W
RQ1~8	VRD-MN2BD102J	J AA	1 kohm,1/8W	RY52,53	VRD-ST2CD102J	J AA	1 kohm,1/6W
RQ9	VRD-ST2EE331J	J AA	330 ohms,1/4W	RY54	VRD-ST2CD563J	J AA	56 kohms,1/6W
RQ10	VRD-ST2EE221J	J AA	220 ohms,1/4W	RY55	VRD-ST2CD271J	J AA	270 ohms,1/6W
RQ11,12	VRD-MN2BD102J	J AA	1 kohm,1/8W	RY56	VRS-VV3AAR20J	J AB	0.2 ohms,1W
RQ13~15	VRD-ST2CD102J	J AA	1 kohm,1/6W	RY57	VRD-ST2CD103J	J AA	10 kohm,1/6W
RQ16~20	VRD-MN2BD104J	J AA	100 kohm,1/8W	RY58	VRD-ST2CD102J	J AA	1 kohm,1/6W
RR1	VRD-ST2CD101J	J AA	100 ohm,1/6W	RY59	VRD-ST2CD563J	J AA	56 kohms,1/6W
RR11,12	VRD-MN2BD273J	J AA	27 kohms,1/8W	RY60	VRD-RT2HD4R7J	J AA	4.7 ohms,1/2W
RR13,14	VRD-MN2BD182J	J AA	1.8 kohms,1/8W	RY61	VRD-ST2CD223J	J AA	22 kohms,1/6W
RR15,16	VRD-MN2BD273J	J AA	27 kohms,1/8W	RY62	VRD-ST2CD332J	J AA	3.3 kohms,1/6W
RR17,18	VRD-MN2BD182J	J AA	1.8 kohms,1/8W	RY63	VRD-ST2CD473J	J AA	47 kohms,1/6W
RR19~21	VRD-MN2BD473J	J AA	47 kohms,1/8W	RY66	VRS-VV3AAR20J	J AB	0.2 ohms,1W
RR83,84	VRD-ST2EE221J	J AA	220 ohms,1/4W	RZ1,2	VRD-ST2CD682J	J AA	6.8 kohms,1/6W
RV13,14	VRD-ST2CD563J	J AA	56 kohms,1/6W	RZ3,4	VRD-MN2BD682J	J AA	6.8 kohms,1/8W
RV17,18	VRD-ST2CD102J	J AA	1 kohm,1/6W	RZ5,6	VRD-MN2BD105J	J AA	1 Mohm,1/8W
RV19,20	VRD-ST2CD271J	J AA	270 ohms,1/6W	RZ7,8	VRD-MN2BD104J	J AA	100 kohm,1/8W
RV21,22	VRD-ST2CD563J	J AA	56 kohms,1/6W	RZ9,10	VRD-ST2CD101J	J AA	100 ohm,1/6W
RV23,24	VRD-ST2CD102J	J AA	1 kohm,1/6W	RZ11~14	VRD-MN2BD105J	J AA	1 Mohm,1/8W
△RV25,26	VRG-ST2HC101J	J AB	100 ohm,1/2W,Fusible	RZ15,16	VRD-MN2BD124J	J AA	120 kohms,1/8W
RV27,28	VRD-ST2CD103J	J AA	10 kohm,1/6W	RZ17,18	VRD-MN2BD681J	J AA	680 ohms,1/8W
RV29,30	VRS-VV3AAR20J	J AB	0.2 ohms,1W	RZ19,20	VRD-MN2BD105J	J AA	1 Mohm,1/8W
RV31,32	VRD-ST2CD102J	J AA	1 kohm,1/6W	RZ21,22	VRD-MN2BD124J	J AA	120 kohms,1/8W
RV33	VRD-ST2CD103J	J AA	10 kohm,1/6W	RZ23,24	VRD-MN2BD681J	J AA	680 ohms,1/8W
RV34	VRD-ST2CD153J	J AA	15 kohms,1/6W	RZ25,26	VRD-MN2BD105J	J AA	1 Mohm,1/8W
RV35	VRD-ST2CD222J	J AA	2.2 kohms,1/6W	RZ27,28	VRD-MN2BD274J	J AA	270 kohms,1/8W
RV36	VRD-ST2CD223J	J AA	22 kohms,1/6W	RZ29,30	VRD-MN2BD681J	J AA	680 ohms,1/8W
RV37	VRD-ST2CD473J	J AA	47 kohms,1/6W	RZ31,32	VRD-MN2BD105J	J AA	1 Mohm,1/8W
RV38	VRD-ST2CD103J	J AA	10 kohm,1/6W	RZ33,34	VRD-MN2BD334J	J AA	330 kohms,1/8W
RV40~42	VRD-ST2CD563J	J AA	56 kohms,1/6W	RZ35,36	VRD-MN2BD681J	J AA	680 ohms,1/8W
RV43,44	VRD-RT2HD4R7J	J AA	4.7 ohms,1/2W	RZ37,38	VRD-MN2BD105J	J AA	1 Mohm,1/8W
RV51,52	VRD-RT2HD331J	J AA	330 ohms,1/2W	RZ39,40	VRD-MN2BD334J	J AA	330 kohms,1/8W
RV53,54	VRD-ST2CD223J	J AA	22 kohms,1/6W	RZ41,42	VRD-MN2BD681J	J AA	680 ohms,1/8W
RV55	VRD-ST2EE470J	J AA	47 ohms,1/4W	RZ43~46	VRD-ST2CD102J	J AA	1 kohm,1/6W

NO.	PART CODE	★	PRICE RANK	DESCRIPTION	NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
RZ47	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	JA11	QJAKZ0011AWZZ	J	AE	Jack, Digital 2 Coaxial
RZ48,49	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	JH51	QSOCJ0302AWZZ	J	AE	Jack, Video In/Out
RZ50	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	JR11,12	QSOCJ0205AWZZ	J	AG	Jack, VIDEO/AUX
RZ51	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	JV91	92LJACKH1759A	J	AF	Jack, Headphones
RZ52-54	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	M1	92LMTR1858CASY	J	AS	Motor with Chassis [Disc]
RZ55,56	VRD-MN2BD104J	J	AA	100 kohm, 1/8W	M2	92LMTR1854BASY	J	AP	Motor with Gear [Slide]
RZ57,58	VRD-MN2BD102J	J	AA	1 kohm, 1/8W	M3	RMOTV0373AFZZ	J	AL	Motor with Worm Pulley [T/T Up/Down Loading]
RZ59,60	VRD-MN2BD272J	J	AA	2.7 kohms, 1/4W	M901	92LMTR1810A	J	AK	Motor, Air Cooling Fan
RZ61,62	VRD-MN2BD103J	J	AA	10 kohm, 1/8W	PHM1	VHPI31535CD-1	J	AG	Photo Interrupter
RZ63,64	VRD-MN2BD104J	J	AA	100 kohm, 1/8W	RLYV11	RRLYD0008AWZZ	J	AN	Relay
RZ65-68	VRD-ST2EE101J	J	AA	100 ohm, 1/4W	RLYX11	RRLYD0008AWZZ	J	AN	Relay
RZ69-74	VRD-MN2BD103J	J	AA	10 kohm, 1/8W	RLYY11	RRLYD0008AWZZ	J	AN	Relay
RZ75	VRD-ST2CD100J	J	AA	10 ohm, 1/6W	RLYY51	RRLYD0008AWZZ	J	AN	Relay
RZ76-78	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	RM1	VRD-ST2CD272J	J	AA	2.7 kohms, 1/6W
RZ79-84	VRD-MN2BD103J	J	AA	10 kohm, 1/8W	RXD1	VHLN64H380A-1	J	AK	Remote Sensor, N64H380A
RZ85,86	VRD-ST2EE102J	J	AA	1 kohm, 1/4W	SO301	QTANC0301AWZZ	J	AH	Terminal, Antenna
RZ87-89	VRD-MN2BD474J	J	AA	470 kohms, 1/8W	SOLM1	—	—	—	Solenoid
RZ90,91	VRD-MN2BD223J	J	AA	22 kohms, 1/8W	SOLM2	RPLU-0002AWZZ	J	AH	Solenoid Ass'y
RZ93,94	VRD-ST2CD102J	J	AA	1 kohm, 1/6W	SW1	QSW-P0004AWZZ	J	AE	Switch, Push Type [Open/Close]
RZ95	VRD-ST2CD221J	J	AA	220 ohms, 1/6W	SW2	QSW-F0001AWZZ	J	AD	Switch, Leaf/Skeleton Type [Mecha Up]
OTHER CIRCUITRY PARTS					SW3	QSW-P0005AWZZ	J	AD	Switch, Push Type [Disc Number]
BI99/CNS99	QCWNW1238AWZZ	J	AH	Connector Ass'y, 3/3Pin	SW4	QSW-F9001AW01	J	AD	Switch, Leaf Type [Pickup In]
BI901/CNS901	QCWNW1225AWZZ	J	AL	Connector Ass'y, 11/11Pin	SWD1	QSW-Z0003AWZZ	J	AH	Switch, Rotary Type [Volume Jog]
BI902/CNS902	QCWNW1226AWZZ	J	AF	Connector Ass'y, 4/4Pin	SWD2	QSW-Z0003AWZZ	J	AH	Switch, Rotary Type [Jog]
BI903/CNS903	QCWNW1227AWZZ	J	AK	Connector Ass'y, 7/7Pin	SWD3	92LSWICHT1663T	J	AC	Switch, Key Type [X-BASS]
BI904/CNS904	QCWNW1229AWZZ	J	AK	Connector Ass'y, 7/7Pin	SWD4	92LSWICHT1663T	J	AC	Switch, Key Type [PRE EQ.]
BIA11/CNSA11	QCWNW1237AWZZ	J	AG	Connector Ass'y, 2/2Pin	SWD5	92LSWICHT1663T	J	AC	Switch, Key Type [MENU]
BIF11/CNSF11	QCWNW1233AWZZ	J	AF	Connector Ass'y, 3/6Pin	SWD6	92LSWICHT1663T	J	AC	Switch, Key Type [ITEM]
BIF12/CNSF12	QCWNW1234AWZZ	J	AL	Connector Ass'y, 14/14Pin	SWD12	92LSWICHT1663T	J	AC	Switch, Key Type [TUNING UP/CUE]
BIF13/CNSF13	QCWNW1235AWZZ	J	AK	Connector Ass'y, 11/10Pin	SWD13	92LSWICHT1663T	J	AC	Switch, Key Type [STOP]
BIM5/CNS10/CNS5	QCWNW1184AWZZ	J	AL	Connector Ass'y, 6/10/2Pin	SWD14	92LSWICHT1663T	J	AC	Switch, Key Type [NORMAL EDIT]
CFWA1	QCNCWZG10AWZZ	J	AC	Socket, 10Pin	SWD15	92LSWICHT1663T	J	AC	Switch, Key Type [HIGH EDIT]
CFWA2	QCNCWZG20AWZZ	J	AC	Socket, 20Pin	SWD16	92LSWICHT1663T	J	AC	Switch, Key Type [REC/PAUSE]
CFWP1	QCNCWZG16AWZZ	J	AD	Socket, 16Pin	SWD17	92LSWICHT1663T	J	AC	Switch, Key Type [F-PLAY]
CFWP2	QCNCWZG13AWZZ	J	AD	Socket, 12Pin	SWD23	92LSWICHT1663T	J	AC	Switch, Key Type [QSOUND]
CFWU1	QCNCWZG10AWZZ	J	AC	Socket, 10Pin	SWD26	92LSWICHT1663T	J	AC	Switch, Key Type [VIRTUAL]
CFWU2	QCNCWZG20AWZZ	J	AC	Socket, 20Pin	SWD27	92LSWICHT1663T	J	AC	Switch, Key Type [PHANTOM]
CFWV11	QCNCWZG16AWZZ	J	AD	Socket, 16Pin	SWD28	92LSWICHT1663T	J	AC	Switch, Key Type [NORMAL]
CFWX11	QCNCWZG13AWZZ	J	AD	Socket, 12Pin	SWD29	92LSWICHT1663T	J	AC	Switch, Key Type [BYPASS]
CNP1	QCNCM705EAFZZ	J	AB	Plug, 5Pin	SWD30	92LSWICHT1663T	J	AC	Switch, Key Type [TUNING DOWN/REWIND]
CNP2	QCNCM705HAFZZ	J	AB	Plug, 8Pin	SWD31	92LSWICHT1663T	J	AC	Switch, Key Type [CD PAUSE]
CNP3	QCNCM705FAFZZ	J	AB	Plug, 6Pin	SWD32	92LSWICHT1663T	J	AC	Switch, Key Type [REVERSE MODE]
CNP3A	92LCONE6P53254	J	AC	Plug, 6Pin	SWD33	92LSWICHT1663T	J	AC	Switch, Key Type [R-PLAY]
CNP10	QCNCM705LAFZZ	J	AC	Plug, 11Pin	SWD34	92LSWICHT1663T	J	AC	Switch, Key Type [CLOCK]
CNP11	QCNCM704CAFZZ	J	AB	Plug, 3Pin	SWD35	92LSWICHT1663T	J	AC	Switch, Key Type [MEMORY]
CNP12	QCNCM704PAFZZ	J	AC	Plug, 14Pin	SWD36	92LSWICHT1663T	J	AC	Switch, Key Type [TIMER]
CNP303	QCNCM705KAFZZ	J	AC	Plug, 10Pin	SWD37	92LSWICHT1663T	J	AC	Switch, Key Type [SLEEP]
CNPF1	QCNCWZS10AWZZ	J	AK	Socket, 10Pin	SWD38	92LSWICHT1663T	J	AC	Switch, Key Type [CLEAR]
CNPK1	QCNCM705CAFZZ	J	AA	Plug, 3Pin	SWD39	92LSWICHT1663T	J	AC	Switch, Key Type [DVD/VIDEO 1]
CNPK2	QCNCM705GAFZZ	J	AB	Plug, 7Pin	SWD40	92LSWICHT1663T	J	AC	Switch, Key Type [DVD/VIDEO 2]
CNPP1	QCNCM698LAFZZ	J	AB	Plug, 11Pin	SWD41	92LSWICHT1663T	J	AC	Switch, Key Type [TAPE 1/2]
CNPP2	QCNCM705DAFZZ	J	AB	Plug, 4Pin	SWD42	92LSWICHT1663T	J	AC	Switch, Key Type [TUNER/BAND]
CNPR11	QCNCM704CAFZZ	J	AB	Plug, 3Pin	SWD43	92LSWICHT1663T	J	AC	Switch, Key Type [CD]
CNPR12	QCNCM704BAFZZ	J	AA	Plug, 2Pin	SWD48	92LSWICHT1663T	J	AC	Switch, Key Type [POWER]
CNPV11	92LCONPB2BPHK	J	AB	Plug, 2Pin	SWD50	92LSWICHT1663T	J	AC	Switch, Key Type [DISC 1]
CNPV12	QCNCM698GAFZZ	J	AB	Plug, 7Pin	SWD51	92LSWICHT1663T	J	AC	Switch, Key Type [DISC 2]
CNPX12	QCNCM698GAFZZ	J	AB	Plug, 7Pin	SWD52	92LSWICHT1663T	J	AC	Switch, Key Type [DISC 3]
CNS1A/B	QCWNW1181AWZZ	J	AK	Connector Ass'y, 5/5Pin	SWD53	92LSWICHT1663T	J	AC	Switch, Key Type [DISC SKIP]
CNS2A/B	QCWNW1182AWZZ	J	AH	Connector Ass'y, 8/8Pin	SWD54	92LSWICHT1663T	J	AC	Switch, Key Type [OPEN/CLOSE]
CNS3A/B	QCWNW1183AWZZ	J	AG	Connector Ass'y, 6/6Pin	SWM3	—	—	—	Switch, Leaf Type [REC FWD]
CNS901	QCWNW1228AWZZ	J	AD	Connector Ass'y, 2Pin	SWM4	—	—	—	Switch, Leaf Type [REC RVS]
CNSD1	QCNCMZS10AWZZ	J	AK	Plug, 10Pin	SWM5	—	—	—	Switch, Leaf Type [F.A.S.]
CNSK1	QCWNW1231AWZZ	J	AG	Connector Ass'y, 3Pin	SWM6	—	—	—	Switch, Leaf Type [CAM]
CNSK2	QCWNW1232AWZZ	J	AN	Connector Ass'y, 7Pin	TMV1	QTANA0601AWZZ	J	AH	Speaker Terminal, Front/Center
△ F990	92LFUSE1502H	J	AD	Fuse, 5A	TMX11	QTANA0601AWZZ	J	AH	Speaker Terminal, Surround/Sud Woofers
△ F995	92LFUSE1103H	J	AD	Fuse, 10A (CD-C492C Only)	VRM1	RVR-M0556AFZZ	J	AB	3.3 kohms
△ F996	92LFUSE1103H	J	AD	Fuse, 10A (CD-C492C Only)	WTL11	QCNCW012NAWZZ	J	AE	Plug, 13Pin
△ F997	92LFUSE-T252-D	J	AD	Fuse, 2.5A	WTP1,2	QCNCW623CAFZZ	J	AB	Plug, 3Pin
△ F998	92LFUSE-T162-D	J	AD	Fuse, 1.6A	WTV11	92LCONE5P52287	J	AC	Socket, 5Pin
FLD1	VVKBJ613GK/-1	J	BD	FL Display	CD MECHANISM PARTS				
FW901	QCWNW1301AWZZ	J	AC	Plug, 3Pin	301	NGERH0011AWZZ	J	AC	Gear, Middle
FWA1	QCWNW1222AWZZ	J	AE	Flat Cable, 10Pin					
FWA2	QCWNW1223AWZZ	J	AF	Flat Cable, 20Pin					
FWD1	QCWNW0711AWZZ	J	AG	Flat Wire, 6Pin					
FWD2	QCWNW1282AWZZ	J	AF	Flat Wire, 3Pin					
FWM1	QCWNW1230AWZZ	J	AF	Flat Wire, 13Pin					
FWM2	QCWNW0942AWZZ	J	AC	Flat Wire, 4Pin					
FWP1	QCWNW1218AWZZ	J	AF	Flat Cable, 16Pin					
FWP2	QCWNW1220AWZZ	J	AF	Flat Cable, 13Pin					
FWV91	QCWNW1281AWZZ	J	AG	Flat Wire, 5Pin					

CD-C492/492C

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
302	NGERH0012AWZZ	J	AC	Gear, Drive
303	MLEVP0010AWZZ	J	AC	Rail, Guide
304	NSFTM0002AWFW	J	AE	Shaft, Guide
305	92LM-CUSN1524A	J	AC	Cushion
△ 306	92LHPC1MASY	J	BG	Pickup Unit Ass'y
306- 1	—	—	—	Pickup Unit (Not Replacement Item)
306- 2	NGERR0043AFZZ	J	AC	Gear, Rack
306- 3	MSPRC0961AFZZ	J	AA	Spring, Rack
701	XBSSD26P06000	J	AA	Screw, ø2.6×6mm
702	XHBSD20P05000	J	AA	Screw, ø2×5mm
703	XBBSD20P03000	J	AA	Screw, ø2×3mm
704	LX-WZ1070AFZZ	J	AA	Washer, ø1.5×ø3.8×0.25mm
M1	92LMTR1858CASY	J	AS	Motor with Chassis [Disc]
M2	92LMTR1854BASY	J	AP	Motor with Gear [Side]
SW4	QSW-F9001AW01	J	AD	Switch, Leaf Type [Pickup In]

CABINET PARTS

201	GCAB-1044AWSA	J	AM	CD Player Base
202	GCAB-1050AWSB	J	AS	Top Cabinet
203	GCOVA1186AWSB	J	AF	Tray Cover Panel, Left
204	GCOVA1187AWSB	J	AF	Tray Cover Panel, Right
205	GCOVA1202AWSA	J	AG	CD Tray Cover
206	GDORF0058AWSA	J	AR	Cassette Holder, Tape 1
207	GDORF0059AWSA	J	AR	Cassette Holder, Tape 2
208	HDECQ0346AWSA	J	AH	Panel, Cassette, Tape 1
209	HDECQ0347AWSA	J	AH	Panel, Cassette, Tape 2
210	HDECQ0312AWSA	J	AK	Panel, Surround
211	HDECQ0313AWSA	J	AN	Panel, FL
212	HDECQ0314AWSA	J	AK	Panel, Operation (A)
213	HDECQ0315AWSA	J	AG	Panel, Operation (B)
214	HDECQ0299AWSA	J	AG	CD Top Panel
215	JKNBZ0492AWSA	J	AH	Knob, Timer/Clock/Sleep/ Memory/Clear
216	JKNBZ0493AWSA	J	AH	Knob, Edit/Set Up
217	JKNBZ0494AWSA	J	AH	Knob, Surround
218	JKNBZ0495AWSA	J	AK	Knob, Power
219	JKNBZ0496AWSA	J	AK	Knob, Function
220	JKNBZ0472AWSB	J	AG	Knob, Disc No.
221	JKNBZ0473AWSA	J	AD	Knob, Open/Close
222	JKNBZ0523AWSA	J	AH	Knob, X-BASS/Demo
223	92LKNOB2831AS1	J	AP	Operation Knob Ass'y (A)
223- 1	—	—	—	Knob, Operation (A) (Not Replacement Item)
223- 2	HDECQ0337AWSA	J	AC	Indicator (A)
223- 3	PFLT-0040AWZZ	J	J	Felt (A)
224	92LKNOB2831BS1	J	AQ	Operation Knob Ass'y (B)
224- 1	—	—	—	Knob, Operation (B) (Not Replacement Item)
224- 2	HDECQ0338AWSA	J	AC	Indicator (B)
224- 3	PFLT-0040AWZZ	J	J	Felt (B)
225A	JKNBZ0499AWSA	J	AL	Knob, Operation (C)
225B	HDECQ0339AWSA	J	AC	Indicator (C)
225C	HDECQ0340AWSA	J	AC	Indicator (D)
225D	HDECQ0341AWSA	J	AC	Indicator (E)
225E	HDECQ0342AWSA	J	AC	Indicator (F)
226	MLIFP0003AWZZ	J	AE	Damper
227	MSPRD0092AWFJ	J	AB	Spring, Cassette, Tape 1
228	MSPRD0093AWFJ	J	AB	Spring, Cassette, Tape 2
229	HBDGB1008AWSB	J	J	Badge, SHARP
230	JKNBK0058AWSA	J	AM	Knob, Volume
231	KNOB2831AASY1	J	AN	Jog Knob Ass'y
231- 1	—	—	—	Knob, JOG (Not Replacement Item)
231- 2	HDECQ0336AWSA	J	AG	Panel, JOG
232	92LCSPP1431C	J	AA	Ring Spring, Volume
233	LANGK0132AWFW	J	AE	Bracket, PWB/Knob
234	LCHSM0071AWFW	J	AW	Main Chassis
235	GITAR0322AWSA	J	AT	Rear Panel
236	LANGK0125AWFW	J	AK	Bracket, PWB (A)
237	LANGK0126AWFW	J	AF	Bracket, Shield Support
238	LANGK0130AWFW	J	AF	Bracket, AC Power Supply Cord
239	PCOVQ1008AWFW	J	AP	Cover, Heat Sink
240	PSLDM3044AWFW	J	AM	Shield (AC-3) [A]
241	PCUSG0022AWZZ	J	AB	Cushion, Leg
△ 242	QACCD0011AWZZ	J	AK	AC Power Supply Cord
243	LANGT0042AWFW	J	AC	Bracket, PWB Support
244	92LCAB2831ASY1	J	AZ	Front Panel Ass'y
244- 1	—	—	—	Front Panel (Not Replacement Item)
244- 2	PCUSG0022AWZZ	J	AB	Cushion, Leg

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
245	92LN-BAND1318A	J	AA	Nylon Band, 80mm
246	LANGK0129AWFW	J	AF	Bracket, Fan Support
247	NFANP0001AWZZ	J	AD	Rotary Fan
248	92LCSPP1431C	J	AA	Ring Spring, Fan
249	PRDAR0110AWFW	J	AY	Heat Sink, Main
250	92LMECHA2831A	J	BK	Tape Mechanism Ass'y
250- 1(MM1)	92LMTR2512AASY	J	AT	Motor with Pulley [Tape]
250- 2	NBLTH0003AWZZ	J	AC	Belt, Main, Tape 1
250- 3	NBLTH0004AWZZ	J	AC	Belt, Main, Tape 2
250- 4	NBLTK0021AWZZ	J	AB	Belt, Sub
250- 5	NROLY0003AWM1	J	AF	Pinch Roller Forward Ass'y
250- 6	NROLY0004AWM1	J	AF	Pinch Roller Reverse Ass'y
250- 7	92LMRPH1746A	J	AM	Head, Record/Playback
250- 8	RHEDK0002AWZZ	J	J	Head, Erase [Tape 2]
251	LANGK0127AWFW	J	AG	Bracket, Heat Sink (A)
252	LANGK0128AWFW	J	AG	Bracket, Heat Sink (B)
253	PRDAR0111AWFW	J	AR	Sub Heat Sink
254	GITAS0048AWSA	J	AQ	Side Panel, Left
255	GITAS0049AWSA	J	AQ	Side Panel, Right
256	LHLDK9001AW00	J	AB	Holder, CD Digital Output
257	LANGF0032AWZZ	J	AC	Support, T/T Lock Lever
258	LCHSZ0010AWZZ	J	AM	Chassis, Loading
259	LCHSZ0011AWZZ	J	AG	Chassis, CD Mechanism
260	92LHOLD2037AS1	J	AK	Stabilizer Ass'y
260- 1	—	—	—	Stabilizer (Not Replacement Item)
260- 2	PMAGF0001AWZZ	J	AF	Magnet
260- 3	92LSUPT1749D	J	AA	Support, Magnet
261	LHLDZ1139AWSA	J	AD	Support, Stabilizer
262	LHLDZ1140AWZZ	J	AB	Guide
263	LHLDZ1141AWZZ	J	AB	Support, Pitch
264	LHLDZ1189AWZZ	J	AG	Holder, FL
265	LHLDZ1188AWZZ	J	AC	Holder, LED
266	MLEVP0066AWZZ	J	AE	Lever, Shift
267	MLEVP0067AWZZ	J	AC	Lever, Lock
268	MLEVP0068AWZZ	J	AB	Lever, Change
269	MLEVP0070AWZZ	J	AB	Lever, T/T Lock
270	MSPRC0020AWFJ	J	AB	Spring, T/T Lock Lever
271	MSPRC0024AWFW	J	AB	Spring, Solenoid
272	MSPRD0044AWFJ	J	AB	Spring, Lock Lever
273	NBLTK0029AWZZ	J	AB	Belt, Drive
274	NGERH0064AWZZ	J	AD	Gear, Cam
275	NGERH0065AWZZ	J	AB	Gear, Turntable
276	NGERK0003AWZZ	J	AC	Gear, Drive
277	NGERK0004AWZZ	J	AB	Gear, Bevel
278	NGERK0005AWZZ	J	AB	Gear, Loading
279	NGERW0006AWZZ	J	AC	Gear, Worm Wheel
280	NPLYD0001AWZZ	J	AB	Pulley
281	NROLP0009AWZZ	J	AB	Roller
282	NTNT-0018AWSA	J	AK	Turntable
283	PCUSG0022AWZZ	J	AB	Cushion
284	QFSDH0001AWZZ	J	AB	Holder, Fuse
285	92LLUG1746A	J	AA	Lug Terminal
286	PFLT-0038AWZZ	J	AC	Felt
601	XBBSD20P04000	J	AA	Screw, ø2×4mm
602	XBPSD26P05J50	J	AB	Screw, ø2.6×5mm
603	XEBSD26P12000	J	AA	Screw, ø2.6×12mm
604	XEBSD30P10000	J	AA	Screw, ø3×10mm
605	XESSD30P10000	J	AA	Screw, ø3×10mm
606	XJBSD30P10000	J	AA	Screw, ø3×10mm
607	XJBSD30P14000	J	AA	Screw, ø3×14mm
608	XJBFS30P08000	J	AA	Screw, ø3×8mm
609	XJBFS30P12000	J	AA	Screw, ø3×12mm
610	XJSSD30P10000	J	AA	Screw, ø3×10mm
611	XHBSD30P06000	J	AA	Screw, ø3×6mm
612	XJBSD30P08000	J	AA	Screw, ø3×8mm
613	LX-JZ0022AFFD	J	AA	Screw, ø3×8mm
614	LX-HZ0082AFZZ	J	AA	Screw, ø4×8mm
615	LX-JZ0010AFFD	J	AA	Screw, ø3×10mm
616	XJSSF30P10000	J	AA	Screw, ø3×10mm
617	LX-TZ0019AFZZ	J	AB	Screw, Special
618	LX-EZ0005AWFD	J	AA	Screw, Special
619	LX-JZ0002AWFD	J	AA	Screw, ø3×10mm
620	XEBSD30P12000	J	AA	Screw, ø3×12mm
621	XJBFS30P10000	J	AA	Screw, ø3×10mm
622	LX-EZ0010AWFD	J	AA	Screw, Special
623	XJBSD30P12000	J	AA	Screw, ø3×12mm
624	LX-WZ7003AWZZ	J	AB	Washer

PACKING PARTS (For Canada Only)

SPAKA0191AWZZ	J	AQ	Packing Add., (Left/Right)
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NO. PART CODE ★ PRICE RANK DESCRIPTION

SPAKC0662AWZZ	J	BA	Packing Case
SPAKP0032AWZZ	J	AF	Polyethylene Bag
TLABRF215 AWZZ	J	AB	Label,Bar Code
92LBAG1460C1	J	AB	Polyethylene Bag,Operation Manual
92L3191PC49210	J	AN	Shield Pad,Front Speaker
92L3191PC49210	J	AN	Polyethylene Bag,Front Speaker
92L3191SW49210	J	AH	Polyethylene Bag,Sub Woofer
92L411-0072	J	AC	Polyethylene Bag,Center Speaker
92L411-0107	J		Polyethylene Bag,Rear Speaker
92L412-0117	J		Packing Add.,Top/Bottom,Rear/Center Speaker
92L71025002100	J		Sheet,Front Speaker
92L71025002100	J		Sheet,Sub Woofer
92L720BPC49200	J		Packing Add.,Bottom,Front Speaker
92L720BSW49200	J		Packing Add.,Bottom,Sub Woofer
92L720TPC49200	J		Packing Add.,Top,Front Speaker
92L720TSW49200	J		Packing Add.,Top,Sub Woofer

ACCESSORIES

QANTL0006AWZZ	J	AG	AM Loop Antenna
TINSE0209AWZZ	J	AH	Operation Manual [CD-C492]
TINSK0072AWZZ	J	AK	Operation Manual [CD-C492C]
TINSZ0306AWZZ	J	AB	Quick Guide [CD-C492 Only]
92LFANT1746A	J	AD	FM Antenna
92LLABL372C	J	AB	Label,Specifications
92L291-0068	J	AN	Speaker Cord,Rear Speaker
92L3191SW49210	J	AH	Speaker Cord,Front Speaker,Center Speaker,Sub Woofer
RRMCG0141AWSA	J	AX	Remote Control
92LLID1782A	J	AQ	Battery Lid,Remote Control

P.W.B. ASSEMBLY (Not Replacement Item)

PWB-A	92LPWB2831MANS	J	—	Main
PWB-B	92LPWB2831CDUS	J	—	CD Servo
PWB-C1-3	92LPWB2831DPLS	J	—	Display/Switch/Headphones (Combined Ass'y)
PWB-D	92LPWB2831PWRS	J	—	Power
PWB-E	92LPWB2831TUNS	J	—	Tuner
PWB-F1,2	92LPWB2831AMPS	J	—	Speaker AMP.1/2 (Combined Ass'y)
PWB-G	92LPWB2831ACTS	J	—	Dolby
PWB-H	QPWBF0314AWZZ	J	AD	Tape Mechanism (PWB Only)
PWB-J	QPWBF0341AWZZ	J	AB	Sensor (PWB Only)
PWB-K	QPWBF0027AWZZ	J	AD	CD Motor (PWB Only)

SPEAKER BOX PARTS Front Speaker CP-C492

900	92L10002C49210	J	BE	Cabinet Ass'y
901	92L200L0C49210	J	BE	Front Panel,Left
901	92L200R0C49210	J	BE	Front Panel,Right
903	92L201L0C49210	J	AY	Net Frame Ass'y,Left
903	92L201R0C49210	J	AY	Net Frame Ass'y,Right
905	92L23036099010	J	AC	Catching Holder
906	92L3141PC49210	J	AM	Speaker Cord Ass'y
908	92L411B840160P	J	AD	Screw,
909	92L411B930100P	J	AC	Screw,
910	92L44010213500	J	AH	Port Cushion
911	92L44210310100	J	AD	Cushion Wire
912	92L6000PC49200	J	AD	Label,Specifications
SP1,2	VSP0013WB228A	J	BE	Speaker,Woofer
SP3,4	VSP0050TBK28A	J	AT	Speaker,Tweeter
SP5,6	92L303R0300610	J	AQ	Super Tweeter Ass'y

SPEAKER BOX PARTS Sub Woofer CP-SW492

900	92L10002W49210	J	BB	Cabinet Ass'y
901	92L20100W49210	J	AW	Net Frame Ass'y
902	92L20300W49210	J	AS	Port Panel
903	92L3141SW49210	J	AL	Speaker Cord Ass'y
905	92L411S84016AB	J	AD	Screw,
906	92L44010320200	J	AD	Port Cushion
907	92L6000SW49200	J	AD	Label,Specifications
SP1	VSP0016WBE68A	J	BE	Speaker Woofer

NO. PARTS CODE ★ PRICE RANK DESCRIPTION

SPEAKER BOX PARTS Center Speaker GBOXS0010AWM1

900	92L121-0141	J	AW	Net Frame Ass'y
901	92L122-0035	J	AM	Wire Ass'y
902	92L128-0009	J	AT	Rear Cabinet Ass'y
903	92L291-0072	J	AH	Speaker Cord Ass'y
904	92L303-0001	J	AT	Front Cabinet
906	92L296-0033	J		Terminal Board
907	92L394-0041	J	AC	Leg Cushion
908	92L372-0094	J	AB	Screw,ø4×20mm
909	92L372-0101	J	AB	Screw,ø3×12mm
911	92L351-0309	J	AD	Label,Specifications
SP1	VSP0012WBF08A	J	BB	Speaker,Woofer
SP2	VSP0050TBK48A	J	AT	Speaker,Tweeter

SPEAKER BOX PARTS Rear Speaker GBOXS0011AWM1

900	92L121-0145	J	AW	Net Frame Ass'y
901	92L129-0010	J	AS	Rear Cabinet Ass'y
902	92L122-0036	J	AM	Wire Ass'y
903	92L128-0010	J		Bottom Cab Ass'y
908	92L370-0001	J	AD	Bracket,Tweeter
909	92L372-0100	J	AC	Screw,ø4×16mm
910	92L372-0101	J	AB	Screw,ø3×12mm
911	92L372-0102	J		Screw,ø4×10mm
913	92L394-0041	J	AC	Leg Cushion
914	92L351-0310	J	AD	Label,Specifications
SP1,2	VSP0010WBV18A	J	BA	Woofer
SP3,4	VSP0050TBK38A	J	AS	Speaker Tweeter

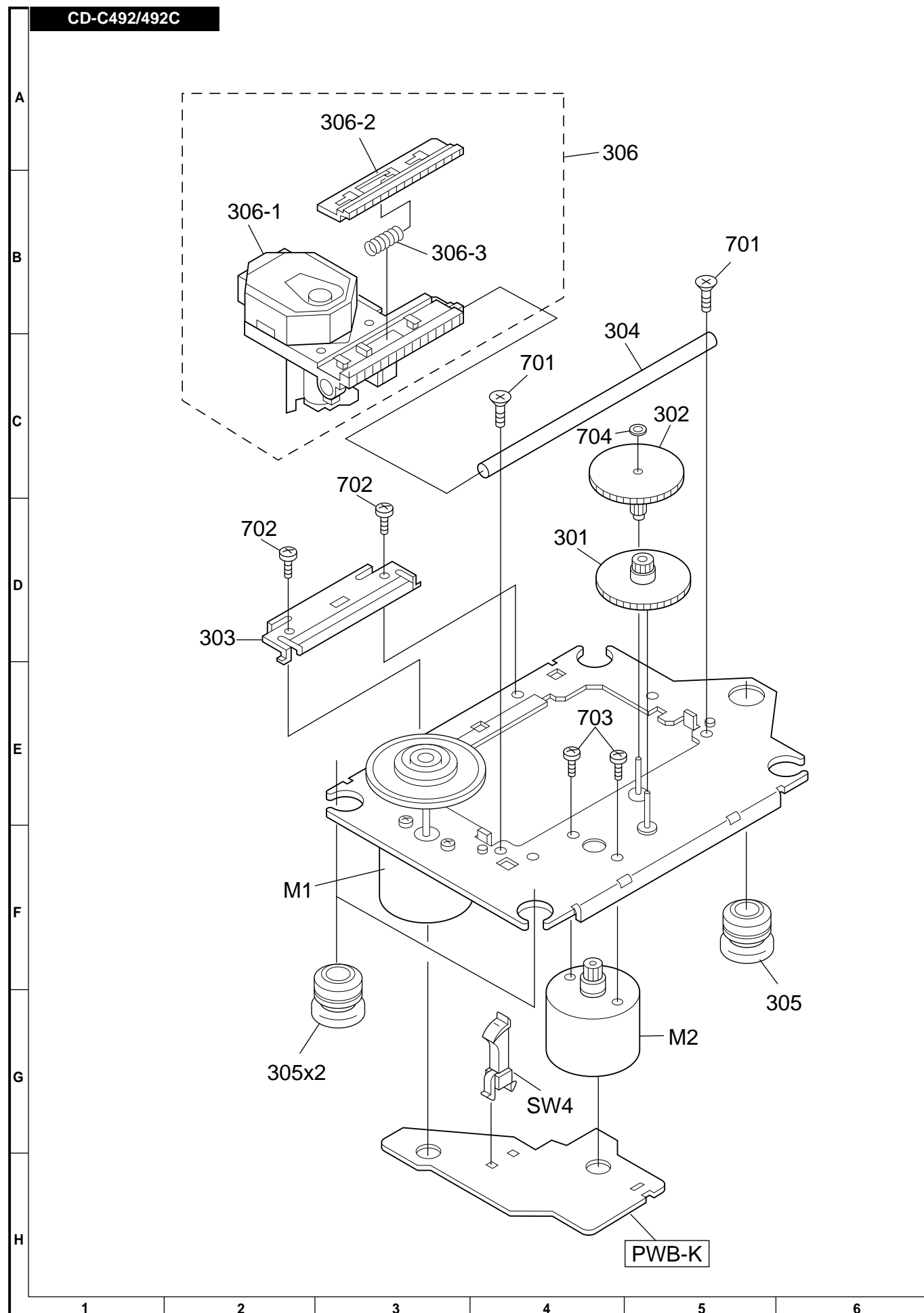
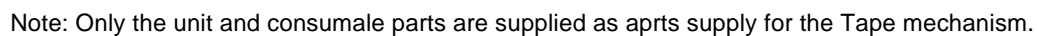


Figure 11 CD MECHANISM EXPLODED VIEW



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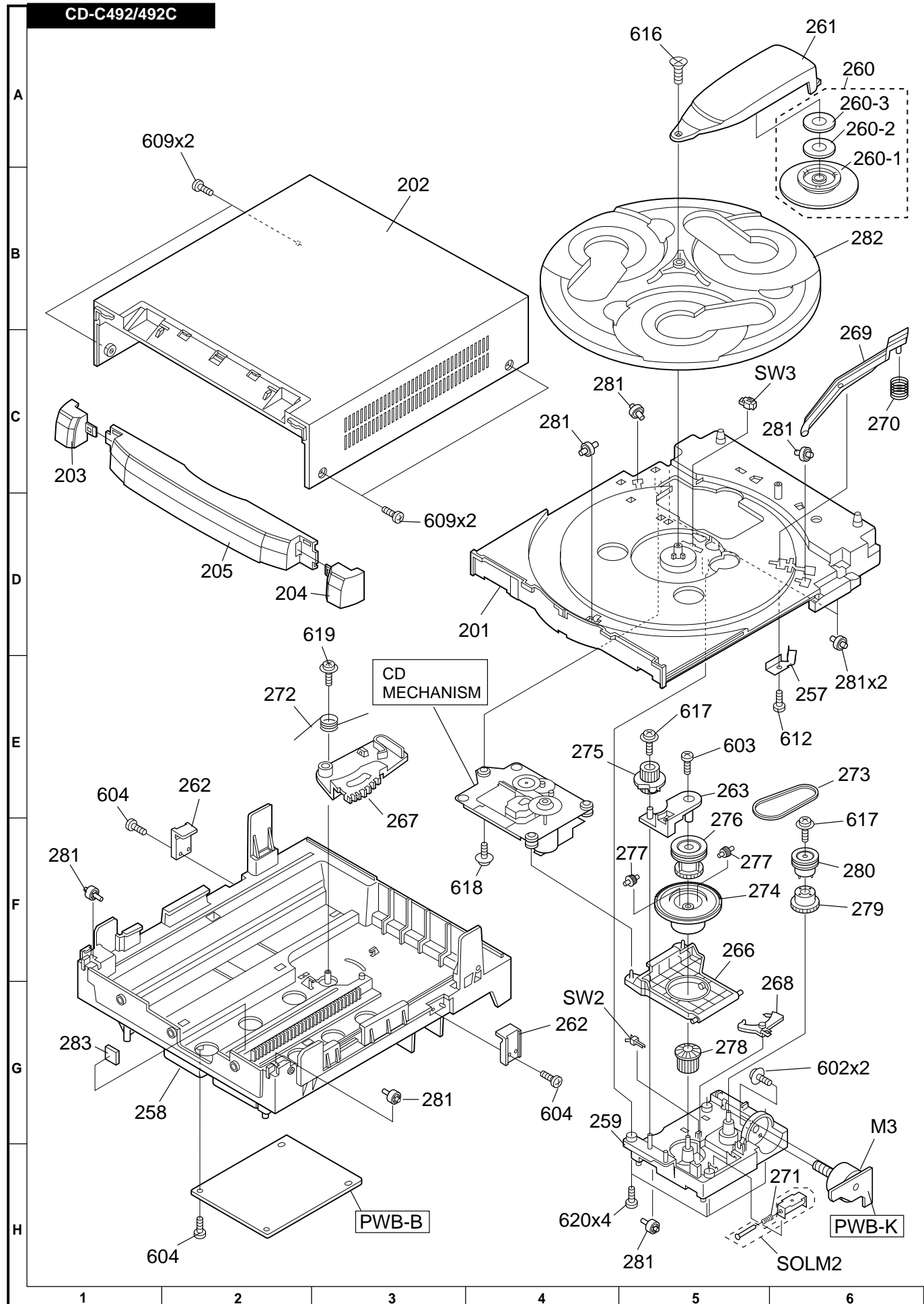


Figure 13 CABINET EXPLODED VIEW (2/2)

CP-C492

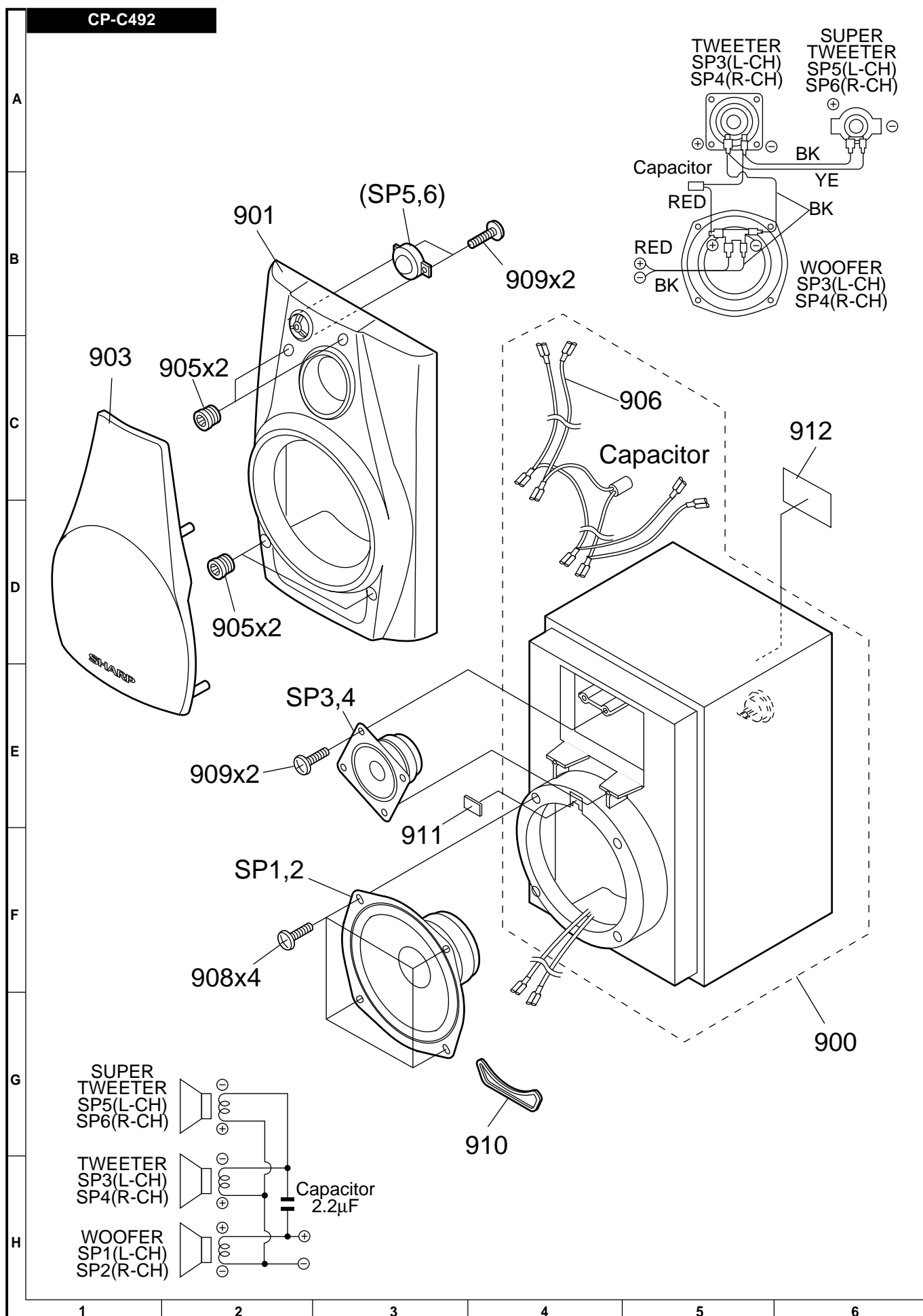


Figure 14 SPEAKER EXPLODED VIEW (1/3)

CP-SW492

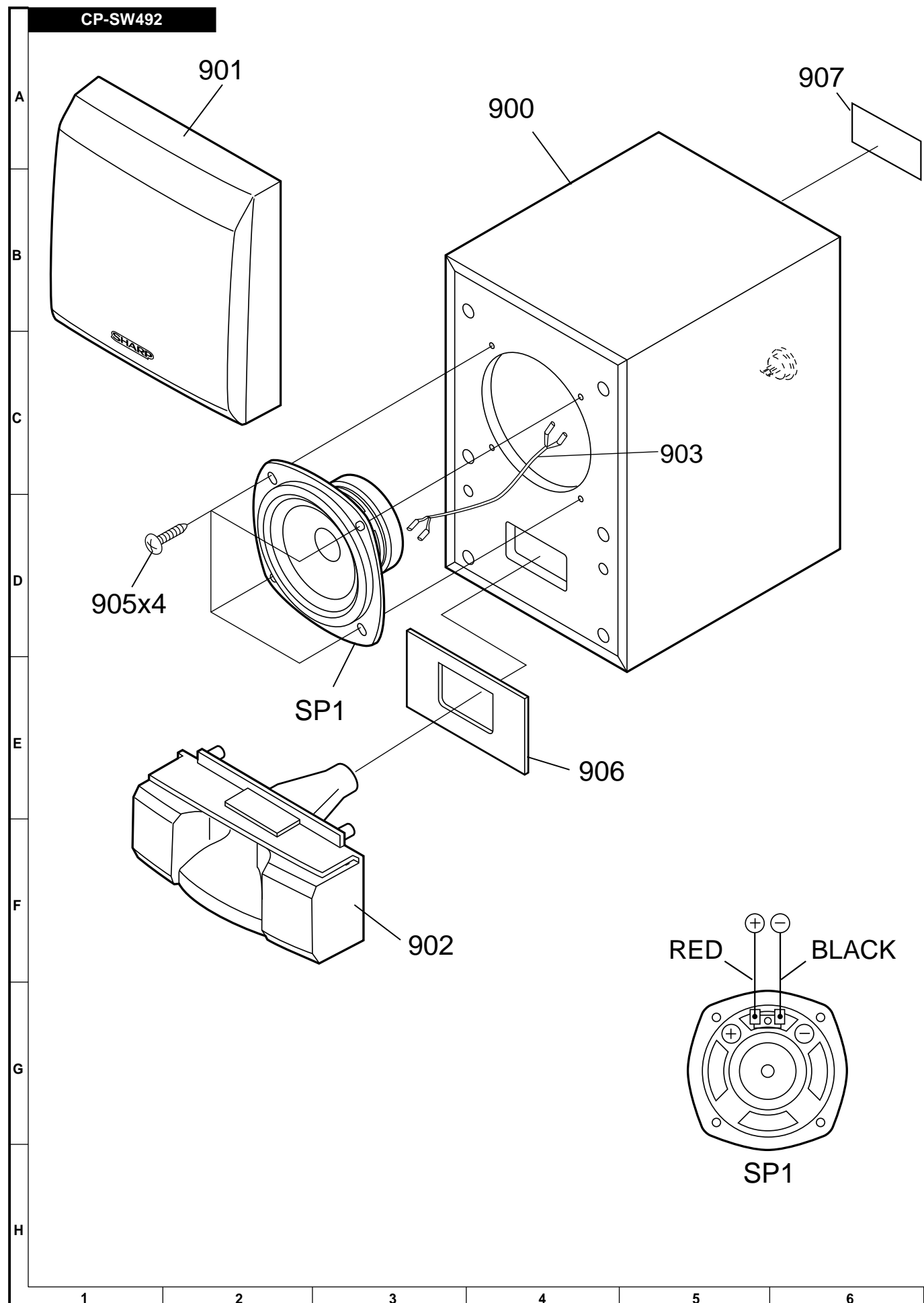
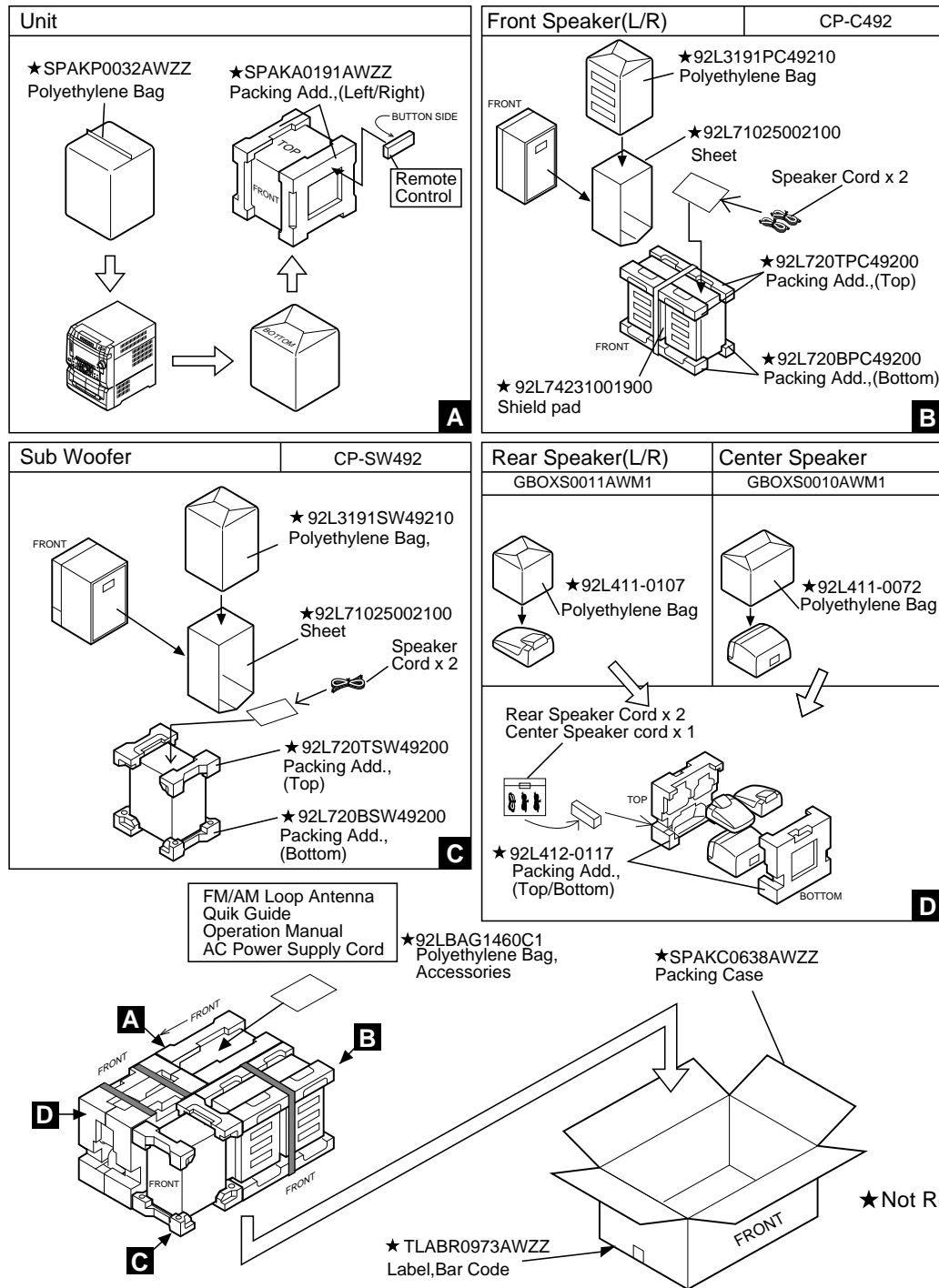


Figure 15 SPEAKER EXPLODED VIEW (2/3)

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PACKING OFF THE SET (For U.S.A. Only)

Setting position of switches and knobs	
Tape Mechanism	STOP



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